



CURRICULUM VITAE

Name, Surname : Önder PEKCAN
Date of Birth : 01 September 1942
Place of Birth : Samsun, Turkey

Educational and Professional Records

**Graduated from Experimental High School,
Bahcelievler, Ankara 1960**

**Exchange student in Munich, Germany IESTA
June-September 1963**

**BS Degree in Engineering Physics, University
of Ankara ,June 1965**

**MS Degree in Nuclear Engineering, University
of Ankara ,June 1967**

**Research Engineer at the Nuclear Research Center
of Turkish Atomic Energy Commission (TAEC)
in Istanbul, 1966-1968**

Scholarship from TAEC 1968-1974

**New York State University, Queens College, USA
Degree in English language, December 1969**

**The University of Chicago, MS Degree in Physics
June 1971**

**The University of Wyoming, PhD Thesis accepted
in Solid state Physics, May 1974**

**Hacettepe University, Ankara, TURKEY, Assistant
Professor in department of Physics, 1974-1979**

**Habilitation Thesis accepted in Solid State Physics
November 1979**

**Hacettepe University, Ankara, TURKEY, Associate
Professor in department of Physics, 1979-1980**

**ICTP Trieste, ITALY, Visiting Scientist
June-August 1980**

**Technical University of Gdansk, Visiting Scientist
Gdansk, Poland 1980-1981**

Minna James Heinemann Award 1981

**University of Toronto, Visiting Professor
Department of Chemistry Toronto, CANADA 1981-1983**

**Hacettepe University, Ankara, TURKEY Associate
Professor department of Physics 1983-1985**

**University of Toronto, Visiting Professor
Department of Chemistry Toronto, CANADA 1985-1988**

**Istanbul Technical University Professor in
Department of Physics, Istanbul, TURKEY 1988-2005**

**University of Toronto and Xerox Canada, Consultant
June-August 1989**

**University of Toronto, Visiting Professor
Department of Chemistry Toronto, CANADA July-Sept
1994**

**Turkish Academy of Sciences (TÜBA), Elected Member
January 1995**

**Trakya University, Visiting Professor Department
of Physics Edirne TURKEY 1996-1997**

**Istanbul Technical University, School of Art and
Sciences, Dean 1997-2003**

**Scientific and Technological Research Council of
Turkey(TÜBİTAK) Science Award 1998**

Elected Member of the Council of TÜBA 2001-2003

Elected Member of the Scientific Board of TÜBİTAK 2003-2005

Işık University, School of Art and Sciences, Professor 2005-2008

Işık University, Department of Physics, Head 2005-2006

Işık University, School of Art and Sciences, Dean 2005-2008

Kadir Has University, School of Art and Sciences, Professor 2008----

Kadir Has University, School of Art and Sciences, Dean 2008--2012

Elected Member of the Council of TÜBA 2009—2011

Board Member, Association of Science Academy, January 2012....

**Kadir Has University, Faculty of Engineering and Natural Science,
Acting Dean July 2015 – Feb. 2017**

Emeritus Professor of Physics, Kadir Has University, 6, Feb. 2020

REFEREED JOURNALS

Macromolecules

Bio macromolecules

Int. J. Coatings Science

J. Colloid and Interface Science

Turkish J. Physics

European Polymer Journal

Polymer

Macromolecular Theory and Simulations

Macromolecular Chemistry Physics

Int. J. Solar Energy

J. Polymer Science, Part B

J. Applied Polymer Science

Synthetic Metals

Physical Review

Trends in Polymer Science

Int. J. Pharmaceutics

Chemical Papers

J. Material Science

Materials Chemistry and Physics

Food Hydrocolloids

Industrial and Engineering Chemistry Research

J. Computational and Theoretical Nanoscience

Spectroscopy Letters

Applied Surface Science

Journal of Porous Materials

Dyes and Pigments

Turkish J. Chemistry

Sensor Letters

Langmuir

Journal of Luminescence

Carbon

Macromolecular Reaction Engineering

Journal of Nanomaterials

Smart Materials Research
Polymer International
Designed Monomers and Polymers
Journal of Peptide Science
Canadian journal of Chemistry
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Soft Matter
Journal of Nanotechnology
Advances in Materials Science and Engineering
Scientific Journal of Microelectronics
Journal of Materials
Journal of Scientific Research and Reports
Surface Review and Letters
International Journal of Polymer Science
Polymer Degradation and Stability
Advances in Civil Engineering
Journal of Chemistry
Computational Materials Science
British Journal of Applied Science & Technology
Water, Air, & Soil Pollution
The Journal of Physical Chemistry
Journal of Bioactive and Compatible Polymers
Advances in Chemical Engineering and Science
Journal of Applied Chemical Science International
Journal of Bioscience and Bioengineering
Journal of Basic and Applied Research International
Sensors & Actuators: B. Chemical.
Sensors & Actuators: A. Physics
Progress in Organic Coatings
International Research Journal of Pure and Applied Chemistry
Journal of Chemistry: Food Chemistry
Journal of Scientific Research and Reports
American Journal of Bioscience and Bioengineering
Journal of Industrial and Engineering Chemistry
Journal of Bioinformatics, Computational and Systems Biology
PROGRESS IN POLYMER SCIENCE
Indian Journal of Materials Science
Carbohydrate Polymers

Teaching Activities

Classical Mechanic
Quantum Mechanic
Solid State Physics
Calculus I, II
Waves and Vibrations

**Introduction to Physics I, II
(Mechanic, Electricity and Magnetism)
Polymer Physics
Atom and Molecular Physics
Electromagnetic Theory
Spectroscopy
Modern Physics
Food in History
Expanding Universe**

Awards and Honors

**Turkish Atomic Energy Commission (TAEC) Scholarship 1968-1974
Minna James Heinemann, Stiftung, Scholarship, 1981
Turkish Academy of Sciences (TÜBA), Elected Member, January 1995
TUBITAK Scientific Award, 1998
Kadir Has University 2011-2012 Academician prize
Association of Science Academy (BA), Member, January 2012
Outstanding Contribution in Reviewing, Elsevier Reviewer Recognition award,
June 2015
Elected, One of the 100,000 top-scientists, among 7 million scientists in the
world so that among, one of the 196 top- scientist in Turkey in 2020 (from
Scopus and Plos)**

Our Chapter 5,in IntechOpen 2016, has been downloaded 1600 times to date.

**Elected, 401 th among 6000 scientis in Turkey by Google Scholer (2021) due to
Citations and H index**

Supervised Thesis

Master Thesis

- 1. Argon-Ion Laser, Ms thesis, Bulent Uluğ, Physics Department,
Hacettepe University, 1977 (March)**
- 2. Single Crystal growth from Purified Organic materials
By using Bridgman-Stockbager Technique, Ms. Thesis, Ertuğrul
Yörükoğlu, , Physics Department Hacettepe University, 1979 (January)**
- 3. Paramagnetic Excitons in Organic Crystals, Ms. Thesis,
Demet Gülen, Physics Department, Hacettepe University, 1979 (September)**
- 4. Single Photon Counting and Death Time, Ms. Thesis,
Şevket Civelek, Physics Department, Hacettepe University, 1986**
- 5. Fluorescence Technique for studying Sol-Gel Phase Transitions,
Ms. Thesis, Yaşar Yılmaz, 1994, Physics Department, İstanbul Technical**

University

6. Investigation of Film Formation from Hard Latex Particles Using Photon Absorption Method, Ms. Thesis, Figen Kemeroğlu, 1996, İstanbul Technical University Physics Department
7. Investigation of Thin Polymer Film Dissolution by Fluorescence Technique Şaziye Uğur”, Physics Department, İstanbul Technical University, 1997.
8. Investigation of Network Formation from S and DVB by Free Radical Copolymerization Using Fluorescence and Dilatometric Techniques, Demet Kaya, Physics Department, İstanbul Technical University, 1998.
9. Latex Film formation in Organic Solvent Vapor, Beril Akkök Physics Department, İstanbul Technical University, 2002
- 10 Gel Swelling in Organic Solvent Vapor, Betül Yönel, Physics Department İstanbul Technical University .2002
11. Kinetic Monte Carlo Method for Polymer Simulations Batuhan Kısacıkoğlu Physics Department, İstanbul Technical University , 2003
12. Diffusion Mechanisms in Biological Gels, Physics Department İstanbul Technical University , Evren Ataman, 2005
13. Polymer Composite Materials, Selin Sunay, Physics Department, İstanbul Technical University 2005

PhD Thesis

1. Investigation of Polymer Colloids Using Nitroksit Spin Probes in ESR , PhD Thesis, Yusuf Demir, Department of Physics, Hacettepe University, 1987
2. Investigation of Molecular Motion and Oxygen Diffusion in PMMA and PVAc Polymers by Using ESR Technique, PhD Thesis, Yılmaz Kaptan, Department of Physics, Hacettepe University , 1987
3. Healing at particle interfaces and Polymer chain diffusion During Film formation from latex particles, PhD Thesis, Murat Canpolat, 1996, Department of Physics İstanbul Technical University
4. Fluorescence Technique for Studying Polymeric Gels, PhD Thesis, Yaşar Yılmaz, Department of Physics 1999 İstanbul Technical University
5. Investigation of Film Formation from Organic and Water Base Latexes by Photon Transmission and Reflection Techniques, PhD Thesis Ertan Arda Department of Physics Trakya University 2001
6. Study of Polymeric gels Formation and Phase Transition processes Using Photon Transmitt ion Technique, PhD Thesis, Selim Kara, Department of Physics Trakya University 2003

7. Investigation of Swelling Mechanisms of Polymeric Gels Using Time Resolved Fluorescence Technique, PhD Thesis, Matem Erdoğan, Department of Physics İstanbul Technical University 2003
8. Phase Transitions in Polymeric Liquid Crystals, PhD Thesis, Sevtap Yıldız Department of Physics İstanbul Technical University 2004
9. Studying Network Formation Processes in Various Polymeric Systems Using Fluorescence Technique, PhD Thesis, Demet kaya, Department of Physics İstanbul Technical University 2004
10. Steady State Fluorescence Technique for Studying Mechanisms of Polymer Film Dissolution, PhD Thesis, Şaziye Uğur, Department of Physics İstanbul Technical University 2004
11. Thermal and Volume Phase Transitions in Carrageenan Gels, PhD Thesis Özlem Tari, Department of Physics İstanbul Technical University 2009
12. Film Formation from Polymer Composites, PhD Thesis Önder Yargı Department of Physics, İstanbul Technical University 2010
13. Phase Transitions in Hybrid Gels, PhD Thesis ,Gülşen Evingür Department of Physics İstanbul Technical University 2011
14. Investigation of Gelation and Photo polymerization Mechanisms Induced by Thioxanthone based Initiators with some Mathematical models, PhD Thesis Zekeriya Doğruyol, Department of Chemistry Yıldız Technical University 2011
15. Investigation of film Formation Behaviors in Polymer-Polymer and Polymer-Metaloxide Composite Films, PhD Thesis, Selin Sunay Department of Physics İstanbul Technical University, 2012
16. Examination of Protease Effects on Fluorescence Peptide and Protein Substrates Modified with Pyrenyl Derivatives by Fluorometric Methods, PhD Thesis, İbrahim Özyiğit Department of Chemistry, Yıldız Technical University 2015

Research Projects

1. Polymer Antenna for Harvesting Solar Energy, NSERC, Canada, 1981-1983 (contributor)
2. Luminescence Techniques to Study Polymer Colloids, NSERC, Canada, 1981-1983 (Contributor)
3. ESR Method for Studying Morphology of Spin Labeled Polymer Colloids, TBAG 621 TÜBİTAK, 1983-1986 (Conductor)
4. Studying Morphology of Polymer Colloid, Using Single Photon Counting Technique, TBAG 670 TÜBİTAK, 1984-1988 (Conductor)
5. Investigation of Polymeric Materials by Fluorescence Technique, İTÜ, Research Foundation, 1990-1992 (Conductor)
6. Single Photon Counting for Studying Polymeric Materials, İTÜ Research Foundation, 1997-2000 (Conductor)

7. Phase Transitions in Biological Gels, ITU Research Foundation 2006-(Contributor)
8. Film Formation from Pure Polymeric Latexes and Composite Systems TÜBİTAK, 2007- (Contributor)
9. Phase Transitions in Hybrid Gels, ITU Research Foundation 2008--2012 (conductor)

Administrative Responsibilities

1. Chamber of Physics Engineers, President, TMMOB, 1976-1977
2. Association of All Faculty Members, TÜMÖD 1977-1980
3. Association of All Faculty Members, TÜMÖD, Ankara Branch, Secretary General, 1979-1980
4. Mathematical Physics, Chair, School of Engineering, Hacettepe University, 1983-1986
5. Solid State Physics, Chair, İstanbul Technical University 1988-1995
6. Department of Physics, Acting Head İstanbul Technical University 1989
7. Department of Physics, Head, İstanbul Technical University 1992-1993
8. School of Art and Sciences, Board Member, İstanbul Technical University 1989-1991
9. School of Art and Sciences, Dean, İstanbul Technical University 1997-2003
10. Department of Molecular Biology and Genetics, Acting Head İstanbul Technical University 2002-2003
11. TÜBİTAK, TBAG Committee Member 1997-2003
12. TÜBA Council Member, June 2002 -March 2003
13. TÜBİTAK Board Member, February 2003 – February 2005
14. Department of Physics, Head, Işık University, February 2005- October 2005
15. School of Art and Sciences, Dean, Işık University, October 2005-2008
16. Department of Information Technologies, Acting Head, Işık University, 2008
17. Kadir Has University, School of Art and Sciences, Dean 2008--2012
18. TÜBA Council Member, December 2009-2011
19. *Board* Member, Association of Science Academy, January 2012-2018
20. Faculty of Engineering and Natural Science, Faculty Board Member, March 2012

21. Center for African and Middle Eastern Studies, Board Member, Kadir Has University September 2014
22. Committee Member of Academic Assessment and Quality Improvement (ADEK) Kadir Has University, May 2015
23. Member of Etic Board, Kadir Has University May 2015-2018
24. Kadir Has University, Faculty of Engineering and Natural Science, Acting Dean July 2016—Feb. 2017
25. Kadir Has University Faculty of Management, Faculty Board Member, 2017-2018
26. Kadir Has University, Creative Industries Platform, InIDEA Board member 2019

Memberships

1. Alumina Association of Experimental High School, Bahcelievler
2. Turkish Physics Association
3. Chamber of Physics Engineers
4. American Chemical Society
5. American Physical Society
6. SPIE (Society of Photographic Instrumentation Engineers) Member
7. Association of Science Academy
8. Member of the AIM - "Associazione Italiana di Scienza e Tecnologia delle Macromolecole"

Research Interests and Experience

Reactor Physics (1965-1968)

Neutron Flux Study in an Atomic Reactor (1MW)

Solid State Physics (1971-1981)

1. Optically Excited Mixed Organic Single Crystals
2. Steady State Fluorescence and Phosphorescence Spectroscopy
3. Energy Transfer and Exciton Bands
4. Triplet-Triplet and/or Trap-Triplet Annihilation
5. Magnetic Dependence of Delayed Fluorescence
6. Electron Spin Resonance Technique for Energy Transfer
7. Time Dependent ESR Measurements and Trap Life times at Low Temperature

Computer Experience (1981-1987)

1. Non-Linear Least Square Fitting Programming in BASIC
2. Programs for Fractal Analysis
3. Programs for Single Photon Counting Technique for Fluorescence and Phosphorescence Decay
4. Interface and BASIC Programs for IBM PC

Fractal geometry (1986-1996)

1. Concept of Dimension in Polymer Colloid and Polymer Films
2. Direct Energy Transfer Method for Studying Colloid Geometry
3. Geometrical Variation during Swelling of Colloid by Non-solvents
4. Understanding Dimensions less than 2-D
5. Restricted Geometries and Dimension

Polymer Physics (1982-2007)

1. Life Time Measurements with Single Photon Counting Systems
2. Ultraviolet and Steady State Luminescence Techniques
3. Foster type Energy Transfer for Polymer films
4. Diffusion controlled Energy Transfer in Colloidal Dispersions
5. Morphological Variations and Annealing of Colloid and Polymer Films
6. Nitroxite Radical Doping and ESR Study for Colloid Morphologies
7. Macro-radical Production with Gamma Radiation in Colloids
8. Study of Oxygen Diffusion using Macro-radicals and ESR
9. Sol-Gel Phase Transitions and other Critical Phenomenon in Polymers
10. Investigation of Latex Film Formation by Steady State Fluorescence
11. Polymer Film Dissolution
12. Liquid Crystal Polymers
13. Polymer- Ceramic Composite Materials
14. Swelling and drying Mechanisms of Polymeric Gels
15. Phase Transitions in Biopolymers
16. Proteins and Enzymes

Nano Sciences (2007- - -)

1. Carbon nano tube doped gels and latex films
2. Conductivity Percolation
3. Ceramic coated nano latexes (nano lenses, photonic Crystals)
4. Graphene-polymer composites

Special Activities

1. Ege Spor Football Club, Ankara League, 1960-1962
2. A.U.F.F. Football Team, Ankara, 1964-1965
3. Wyoming University Soccer Club, USA Western Athletic Conference, 1971-1973
4. Wyoming University Volleyball Team, 1973
5. Journal of Physics Engineers, Owner and Editor, 1976-1977

6. Önder Pekcan, Water Color-Pictures, Exhibition, Dost Art-Gallery, Ankara, January 1986
7. İTÜ Journal, Fen Bilimleri, Editor 2003- 2005
8. Arı Dergisi, Editor 2002-2005
9. International Journal of Solar Energy, Editorial Board Member 1996
10. Association of Turkish Journalists, Sedat Simavi Awards, Scientific Committee Member 2005----
11. FABED Scientific Committee, Member 2006----
12. Open Drug Delivery Journals, Editorial Advisory Board Member 2007---
13. TÜBA, GEBİP Astronomy-Physics-Mathematics Scientific Committee Member 2009-2010
14. TUAK (TUBA) Science- Engineering Committee Member 2010- 2011
15. TUAK (TUBA) Committee Member 2010-2011
16. Association of Science Academy, founding and council member 2011----
17. Coordinator in Science and Engineering Branch of Science Academy 2011....
18. Journal Title: *Optics*, Science PG; Editorial Board Member, 2012.....
19. Computational Biology and Bioinformatics, Editorial Board Member/Peer Reviewer 2012...
20. Journal of Nanotechnology, Editorial Board Member 2012.....
21. J. Chem. Research (IBIMA publishing) International Editorial board member, 2014----
22. Editorial Board member of International Journal of Polymer Science, 2014---
23. International Journal of Materials Science and Applications, Science PG. Editorial board member 2014....
24. Journal of Bioinformatics, Computational and Systems Biology, Editorial Board Member 2015.....
25. American Journal of Bioscience and Bioengineering, editorial board member/ peer reviewer, SciencePG, 2015.....
26. 5 th Doğal Plato Short Film and Photography Competition, jury member May 13-16 2016 Kurtköy, İstanbul
27. Adviser to PTT AŞ for the stamps named “ Fraktal Doğa Yansımaları” 2021
28. Member of Advisery Board of Altınbaş University, Department of Fundamental Sciences (2021)

List of Publications

Book Chapters

1. M.A. Winnik, Ö. Pekcan and M.D. Croucher “Fluorescence Techniques in the Study of Polymer Colloids ” Ed. R.H. Ottowill and F. Candau, Kluwer Academic Publisher NATO ASI Series 1988
2. Ö. Pekcan “Dynamics in Small Confining Systems” Eds. J.M.Drake , J.Klafter,R.Kopelman and D.O.Awschalom, MRS Vol.290 1993, Pitsburg,Pennsylvania
3. A. T. Giz and Ö. Pekcan " Klafter Blumen Apparent Dimension in a Randomized Sierpinsky Carpet " Ed. M.Novak, Fractals

in the Natural and Applied Sci. Elsevier Sci. 1994

4. Ö. Pekcan and M. Canpolat “Film Formation in Waterborne Coatings” T. Prouder, M. A. Winnik , M. W. Urban Eds. ACS Symp , Series (1996)
5. Ö. Pekcan and E. Arda “Void Closure and Interdiffusion in Latex Film Formation by Photon Transmission and Fluorescence Methods” Colloids and Surfaces A: Physicochemical and Engineering Aspects, 153,537(1999)
6. Ö. Pekcan and Y. Yılmaz “Fluorescence Method for Monitoring Gelation and gel Swelling in Real Time” Applied Fluorescence in Chemistry, Biology and Medicine Eds. W. Rettig , B. Strehmel , S. Schrader ,Springer-Verlag. Berlin 371(1999)
7. O.Pekcan and E.Arda “UV-Visible Technique for Studying Latex Film Formation and Dissolution “PMSE, ACS, Vol 82,376(2000)
8. Ö. Pekcan and E. Arda “Packing Effect on Latex Film Formation and Dissolution” SPIE Subsurface Sensing Technologies and Applications II Ed. Cam Nguyen, Vol.4129,314(2000)
9. Ö. Pekcan and E.Arda “Interfacial Behaviour of Latex Films”Encyclopedia of Surface and Colloid Science ,Marcel and Dekker Inc.2691 (2002)
10. Ş. Uğur and Ö. Pekcan “Entanglement Effect on Dissolution of Polymeric Glasses; A Fluorescence Study “FSCT Proc. 80 th Ann. Meeting,Global Connectivity,2002
11. Ö. Pekcan and E. Arda “Interfacial Behaviour of Latex Film “(update article) ESCS, Marcel and Dekker 1, 2002
12. Ö. Pekcan and E. Arda “Fluorescence Methods for Latex Film Formation “ Chapter in Stimuli-Responsive Polymer Film and Coatings Eds.Marek W. Urban, ACS Sym. Series 912, pp137 (2005)
13. Ö. Pekcan and M. Erdoğan “Fast Transient Technique for Studying Gel Swelling “Chapter 7, Horizons in Polymer Research, Ed. Robert K. Bregg, Nova Science Publisher Inc. pp1-35 (2005)
14. Ş.Uğur, Ö. Pekcan “Polymer-Ceramic Nanocomposites” Photonic Material, Devices and Applications, II Eds. A. Serpengüzel G. Badenes, G.C. Righini , SPIE Vol.7366,736609 Online (2009)
15. G.A.Evingür, D. Aktaş and Ö. Pekcan” Fluorescence Technique for Monitoring Swelling of PAAm- K-Carrageenan Gel Composites” Optical Measurement Techniques for Structures and Systems Eds. J. Dirckx, J. Buytaert, Shaker Publishing BV OPTIMESS 151 (2009)
16. Doğruyol, Z.; Karasu, F.; Temel, G.; Balta, D. K.; Aydın, M.; Keskin, S.; Pekcan Ö.; Arsu N. “ The Effect of Photoinitiator Content and UV intensity on the rate of Diacrylate Polymerization; A Photo-DSC Study” Basics and Applications of Photopolymerization Reactions, In Applied Polymer Science Series; Fouassier, J. P. Allonas, X., Eds.; Research Signpost: Trivandrum, 2010; Chapter 11,

17. Ö.Pekcan and G. Evingür “Conductivity Percolation of Carbon Nanotubes in Polyacrylamide Gels” Carbon Nanotubes- Polymer Nanocomposites Book 4, Ed. Siva Yellampalli, INTECH Open Access Puplicher 197-214, (2011) July
18. Ö.Pekcan” Phase Transitions in Seaweeds” Anı Kitabı,Bilim, Kişi, Toplum Üzerine Çalışmalar 60 ncı yıl Sempozyumu(Nihat Berker e Adanmıştır) Eds.A Akyüz, Ö.F. Dayı, S.D. Feyiz ve S.Y. Özbek . Sabancı Üniversitesi 2012
19. Ş.Uğur, M.S. Sunay, and Ö. Pekcan “Fluorescence Study of the film Formation from PS Latex-TiO₂ Composite; Effects of TiO₂ Content, Film Thicness and Particle Size” 2015 Sustainable Industrial Processing Summit, Vol 6, pp. 163-185Coatings, Cements, Rare Earth and Ferro – Alloys. Ed. F. Kongali, P. Masset, C. Berndt, C. Capiglia, FLOGEN 2015
20. G. Evingur and Ö. Pekcan “Optical, Mechanical, and Electrical Properties of Polymer Composites Doped by Multiwalled Carbon Nanotubes” Carbon Nanotubes - Current Progress of their Polymer Composites Eds. Mohamed Reda Berber and Inas Hazzaa Hafez INTECH Open Access Puplicher July, 2016
21. G. Evingur and Ö. Pekcan “Effect of content and temperature on the phase transitions of polymer composites doped by kappa carrageenan and alginate. In: Alexandru Grumezescu, editors: Novel Approaches of Nanotechnology in Food, Vol 1, oxford: Academic Press; 2016, p. 201-236.
22. Ş.Uğur and Ö. Pekcan “Film Formation from PS Latex /Al₂O₃ Composites Prepared by Dip-Drawing Method” Advances in Nanostructure Composites, Chp. 14 Science/CRC Press,**Taylor and Francis** (2019) Editor Mahmood Aliofkhazraei.
23. G. Evingür and Ö. Pekcan “ Graphane Oxide Polyacrylamide composites; Optical and Mechanical Characterizations” Handbook of Graphene, Chp.17, Editor Cengiz Ozkan 2019. **Wiley-Scrivene**
24. G. Evingür and Ö. Pekcan, Dimitris SACHILIAS, Open Access Peer-reviewed Edited Volume” Termosoftening Plastics” **IntechOpen**, February, 26 th 2020
25. Ö. Pekcan “ Uğur Mumcudan Mektup var” Çocukluk Arkadaşı Önder Pekcan nın Anıları, Uğur Mumcu ve Mektupları, Yayına hazırlayan Ümit Aslanbay, Şubat (2020), **Telgrafhane Yayınları**
26. Ö.Pekcan “ Fizik Araştırmaları “ Araştırma Denilince, Ed. Sezgin Tüzün, **Bağlam Yayınları**, 2021
27. Ş.Uğur,and Ö. Pekcan “APPLICATION OF FLUORESCENCE TECHNIQUE FOR UNDERSTANDING FILM FORMATION FROM POLYMER LATEXES And COMPOSITES” Chpt.6. Handbook of Modern Coating Technologies, Advanced Characterization Methods, Edited by: Mahmood Aliofkhazraei, Nasar Ali, Jeff Th.M. De Hosso, Pages 263-357, Elsevier March 12 (2021)

In International Journals (in Web of Science,SCI)

1. Ö. Pekcan, T.M.Kite, A.B.Denison and L.J.Noë "Triplet Annihilation in Pyrene-d10 Doped Fluorene", *Chemical Physics Letters*, 21/1, p.161-163, (1973)
2. Ö. Pekcan, "Investigation of Triplet State Energy Transfer in Fluorene Single Crystal by Magnetic Resonance Method", *Chemical Physics Letter*, 59/3, p.498-501, (1978)
3. Ö. Pekcan, "Effects of Impurity Traps on Exciton-Guest, Triplet-Triplet Annihilation in Pyrene-d10 Doped Single Crystal of Fluorene", *Molecular Physics*, 38/4, p. 1233-1242, (1979)
4. Ö. Pekcan, E.Keyman, "Magnetic Resonance Absorbtion of Host Guest Triplet Paired Centers in A Mixed Organic Crystal System", *Chemical Physics Letters*, 69/1, p. 78-82, (1980)
5. Ö. Pekcan, "Magnetic Field effects on Host-Guest Triplet Pairs in a Mixed Organic Crystal System", *Chemical Physics Letters*, 70/1, p. 74-78, (1980)
6. Ö. Pekcan, "Excitation Probabilities and Intramolecular Interaction of Host and Guest Molecules of Paired Center in a Mixed Organic Crystal System", *Journal of Physics C: Solid State Physics*, 14, p. 3957-3964,(1981)
7. Ö. Pekcan, "Energy Transfer via Disturbed Host Species in a Mixed Organic Crystal System", *J. Phys. C: Solid State Physics*, 14, p. 745-750, (1981)
8. Ö. Pekcan, M. A. Winnik, L. Egan and M. D. Croucher, "Luminescence techniques in Polymer Colloids, 1. Energy Transfer Studies in Non-Aqueous Dispersions", *Macromolecules*, 16, p. 699-702, (1983)
9. Ö. Pekcan, M. A. Winnik, and M. D. Croucher, "Phosphorescence from Covalently Labeled Non-Aqueous Dispersions: Insights into the Swelling of Microdomains. Luminescence from Polymer Colloids, 2. The Journal of Colloid and Interfacial Science, 95, p. 420-427 (1983)
10. M. A. Winnik, Ö. Pekcan, "How Dense Packed are Collapsed Polymer Chains in Dilute Solution?" *Macromolecules*, 16, p. 1021-1023, (1983)
11. A. E. C. Redpath, Ö. Pekcan, M. A. Winnik, "the Quenching of Alkyl Pyrene Fluorescence by atactic and Isoatactic polystyrene", *J. Photo Chemistry*, 23, p. 283-288 (1983)
12. Ö. Pekcan, M. A. Winnik, and M. D. Croucher, "A Microphase Model for sterically Stabilized Polymer Colloids: Fluorescence Energy Transfer from Naphthalene Labelled Dispersion", *J. Polymer Science, Polymer Lett.* 21, p. 1011-1018, (1983)

13. M. A. Winnik, Ö. Pekcan, and L. Egan, "Energy Transfer Studies from Polymer Bound Naphthalene to Anthracene in Solution", *Polymer*, 25, p. 1767-1773, (1984)
14. M. A. Winnik, Ö. Pekcan, and M. D. Croucher "Phosphorescence of Naphthalene Labelled colloidal polymer particles. The -Methyl relaxation of one microphase in a multicomponent material", *Can. J. Chem.* 63, p. 129-133, (1985) Special Issue
15. Ö. Pekcan, Y. Kaptan, Y. Demir and M. A. Winnik "Spin Probe Studies of a Polymer-Blend-Like Material Particles Formed from Poly(Methyl-Methacrylate) and Polyisobutylene" *Journal of Colloid and Interface. Sci.* 111, p. 269, (1986)
16. M. A. Winnik, Ö. Pekcan, L. Chen and M. D. Croucher "Morphology Changes and Volume Deformation of Individual Phases of polymer Blends" *Fluorescence Studies of Polymer Colloids 9. Macromolecules*, 21 p. 55-59, (1988)
17. Ö. Pekcan, M. A. Winnik and M. D. Croucher " Direct Energy Transfer Studies on Doped and Labelled Polymer Latex Particles " *Phys. Rev. Lett.* 61,641,(1988)
18. Y. Kaptan, Ö. Pekcan and O. Guven,E.Arca "Determination of Diffusion Coefficient of Oxygen into Polymers by Using Electron Spin Resonance Spectroscopy" *J.App.Poly.Sci.* 37(9),2577,(1989)
19. Ö. Pekcan, L.S.Egan, M.A.Winnik and M.D.Croucher " Energy Transfer in Restricted Dimensions; a new Approach to Latex Morphology " *Macromolecules*, 23,2210,(1990)
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32. M. Selin Sunay, Ö. Pekcan, S. Uğur ”PS lateks/TiO₂ nanokompozitlerden film oluşumuna; Lateks boyut ve TiO₂ içeriğinin etkisi” İTÜ Dergisi, C (2012)

Thesis

1. Ö. Pekcan, “Fast Neutron Flux Measurements in a 1 MW Reactor” Unpublished Ms. Thesis, Ankara University, June 1967
2. Ö. Pekcan, “Magnetic Field Effect on Exciton - Trap Triplet Annihilation in a Fluorene Single Crystal Doped Pyrene “Unpublished Ph. D. Thesis, University of Wyoming, May 1974
3. Ö. Pekcan, “Molecular Exciton Dynamics in a Mixed Organic Crystal “Unpublished Habilitation (Docentlik) Thesis ,Hacettepe University, March 1979

Meetings and Seminars

International

1. O. Pekcan, and A. B. Denison, " Delayed Fluorescence in Mixed Organic Crystal systems" XV Annual Rocky Mountain Spectroscopy Conference, Denver, Colorado, USA, August 1973
2. A. B. Denison and Ö. Pekcan, " Exciton Trap Triplet Annihilation in an Organic Crystal" Colorado-Wyoming Academy of Science, Laramie, Wyoming, USA April 1974

3. O. Pekcan Amorphous Semiconductors (attended) ICTP, Trieste, Italy, August 10-15, 1980
4. O. Pekcan "Disturbed Host Species in Pyrene Doped Fluorene Single Crystal "Technical University of Gdansk, Gdansk, Poland, January 16 1981 (seminar)
5. O. Pekcan "Delayed Fluorescence Studies in Optically Excited Mixed Organic Crystal Systems "University of Toronto, Toronto, Canada, September 15 1981 (Seminar)
6. O. Pekcan, American Chemical Society North East Regional Meeting,(attended) Rochester, New York, USA, October 1981
7. O. Pekcan, "Macromolecules"(attended) IUPAC, University of Massachusetts, Amherst, Massachusetts USA, August 1982
8. O. Pekcan, "Phosphorescence Studies of Naphthalene Labelled Colloid Particles at 77 K "University of Toronto, Toronto, Canada, Sept. 15 1982 (seminar)
9. O. Pekcan, "Energy Transfer Studies in Chromophore Labelled NAD of Colloid Particles "University of Toronto, Toronto, Canada, January 14 1983 (seminar)
10. O. Pekcan "Fluorescence Tools in Polymer Science" (Attended), NATO Advance Study Meeting, San Miniato, Italy, October 15-30, 1985
11. O. Pekcan "Small Molecule Diffusion into Solid Polymer Latex Particle "University of Toronto, Toronto Canada, December 15 1986 (seminar)
12. O. Pekcan "Fractals in Polymer Latex Particles" Xerox Research Center of Canada, Mississauga, Ontario, Canada, October 29 1987 (Seminar)
13. O. Pekcan "Fractal Analysis of Energy Transfer in Naphthalene Labelled Anthracene Doped Latex Particles "Polymer and Colloid Group Meeting, Toronto, Canada, March 4 1988 (seminar)
14. O. Pekcan "Geometrical Details of Polymer Latex Particles " University of Toronto, Toronto, Canada, March 10 1988 (Seminar)
15. O. Pekcan and M.A.Winnik "Fractal Analysis of the Internal Structure of Polymer Latex Particles "American Physical Society March Meeting, New Orleans, Louisiana, USA, March 21-25 1988
16. O. Pekcan "Particle Coalescence in Latex Films" Polymer and Colloid Group and 3M Canada Meeting, (seminar) Toronto, Canada May 11 1988
17. O. Pekcan and M.A.Winnik "Restricted Geometries in a Polymer

Latex Particle "Great Lakes Symposium in Photochemistry,
Bowling Green, Ohio, USA, May 14-15 1988

18. O. Pekcan 3rd Chemical Congress of North America Toronto,
Canada June 5-10 1988 (attended)
19. O. Pekcan and M.A. Winnik "Geometrical Details of the Internal
Morphology of a Polymer Colloid Particle "NATO
ASI on Polymer Colloids, Strasbourg, France, July 3-15 1988
20. O. Pekcan, M.A. Winnik and M.D. Croucher "Energy Transfer Studies
of Particle Coalescence " NATO Advance Study Institute
on Polymer Colloids, Strasbourg, France, July 3-15 1988
21. Y. Kaptan and O. Pekcan "Determination of Diffusion of Oxygen
into the Polymer Spheres " NATO, ASI on Polymer
Colloids, Strasbourg France, July-3-15, 1988
22. O. Pekcan "Restricted Geometries in Composite Polymeric
Materials "Advances in Nonradiative Processes in
Solids, NATO ASI Meeting, Erice, Italy 15-29, June 1989
23. O. Pekcan, M.D. Croucher and M.A. Winnik "Geometrical
Details of the Internal Morphology of a Polymer
Colloid Particle " Polymer Latex III PRI 27-29
June 1989, London England (invited)
24. O. Pekcan "Particle Morphology and Film Formation "Gordon Re-
search Conferences on Polymer Colloids, New Hampshire,
9-14 July 1989, USA (invited)
25. O. Pekcan "ESR Study of Solvent Penetration into Polymer Colloid
Particles "Symposium Polymer Colloids, IUPAC 1990
MACROMOLECULES July 8-13 1990 Montreal, Canada
26. O. Pekcan and M.A. Winnik "Photophysics in Restricted Geomet-
ries" Symposium Photophysics and Photochemistry
IUPAC 1990 July 8-13 1990 Montreal, Canada (invited)
27. O. Pekcan "Optical Properties of Excited States in Solids"
International School of Atomic and Molecular
Spectroscopy, NATO, ASI June 16-30, 1991 Erice ITALY
28. O. Pekcan " Restricted Geometries in Polymer Blends " I Azer-
baycan-Turkiye Polymer Sempozyumu 8-11 Temmuz 1991
Baku Sovyetler Birliđi (USSR)
29. O. Pekcan "Fluorescence Studies of Interpenetrating Network
Morphology of Polymer Film " 9-14 Sept. 1991
Alexsibad Germany , European Physical Society,
Physics of Polymer Networks (invited)
30. O. Pekcan " Highly Swelled Networks in Polymer Particles "
25th Europhysics Conference on Macromolecular
Physics, St. Petersburg ,Russia 6-10, July, 1992
31. A. Giz and O. Pekcan " Simulation of DET Between Donors and
Acceptors Embedded in a Rubbery Phase Network "

25 th Europhysics Conference on Macromolecular Physics, St. Petersburg, Russia 6-10,july, 1992

32. O. Pekcan "Measuring Fractal Dimension in Polymeric Systems by Using Fluorescence Method " Ultrashort Processes in Condensed Matter, NATO, ASI Sept 1-11, 1992 IL Ciocco,Tuscany, Italy
33. M. Canpolat and O. Pekcan "Chain Diffusion During Latex Film Formation " II Turkiye-Azerbaycan Polimer Sempozyumu METU Ankara Turkey 14-16, Eylul, 1992
34. O. Pekcan " ESM and Laplace Transform of Klafter-Blumen Equation for DET Analysis in Polymer Blend-like Materials " MRS Fall Meeting December 1-5 1992 Boston USA (invited)
35. M. Canpolat and O. Pekcan "International School of Atomic and Molecular Spectroscopy " 16-30 june 1993 NATO ASI Erice Italy
36. M. Canpolat and O. Pekcan "Recent Advances in Statistical Physics 25 july- 6 August 1993, Istanbul Technical University Macka,Istanbul Turkey
37. O. Pekcan and M.Canpolat " Direct Energy Transfer Study of Healing Processes at Polymer-Polymer Interfaces " International.Conference on Luminescence 9-13 August 1993 Univ. of Connecticut Storrs USA
38. O. Pekcan and M. Canpolat "Interdiffusion of Polymer Chains During Latex Coating " PAT 93 ,7-11 sept. 1993 University. of Oxford, Oxford UK (invited)
39. A.T. Giz and O. Pekcan " Klafter-Blumen Apperent Dimension in a Randomized Sierpinski Carpet " II International Conference on Fractals in the Natural and App. Sci. 7-10 Sept. 1993 London UK (invited)
40. O. Pekcan and M.Canpolat "Measuring Diffusion Coefficient of Polymer Chain During Sintering of Latex Particles " Euro physics Conference on Macromolecular Physics, Eindhoven,The Netherlands july, 4-7 (1994)(invited)
41. O. Pekcan "Study of Latex Film Formation by Steady State Fluorescence Method " Dept. of Physics, MIT Cambridge, Massachusetts, USA sept. 12 (1994) (Seminar)
42. O. Pekcan " Interdiffusion of Polymer Chains at Polymer-Polymer Interfaces " 5 th Fine Chemistry and Functional Polymers International Symposium , Shandom Univ., Jinan China Oct. 12-18 (1994) (invited)
43. M. Canpolat and O. Pekcan " A Simulation on Optical Properties of Polymer Films " Statistical Physics Meeting, ITU Macka, Istanbul Turkey july 12-14 (1994)
44. O. Pekcan " Probing Sol-Gel Phase Trastitions by Fluorescence Method " Dept. of Physics, ITU Istanbul, Turkey

Nov. 25 (1994) (Seminar)

45. O. Pekcan " Interdiffusion at Polymer-Polymer Interfaces During Film Formation from High-T Latex Particles " 2- ITU Fizik Gunleri Istanbul Turkey 13-14 July 1995 (invited)
46. M. Canpolat and O. Pekcan " A Novel Correction Method for the Steady State Fluorescence Technique to Study Film Formation " 2- ITU Fizik Gunleri Istanbul Turkey 13-14 July 1995
47. Y. Yilmaz and O. Pekcan " Fluorescence Technique for Studying the Sol-Gel Transition in FRCC of MMA " 2- ITU Fizik Gun_ leri Istanbul Turkey 13-14 July 1995
48. O. Pekcan Solvents and Self Organization of Polymers, NATO ASI Meeting, Belek Antalya Turkey 1-11 August 1995 (attended)
49. O. Pekcan and M. Canpolat " Steady State Fluorescence Method to Study Film Formation from High-T Latex Particles" 210 th ACS National Meeting, PMSE Chicago USA, August 20-25 1995 (invited)
50. O. Pekcan, Y. Yilmaz and O. Okay " Fluorescence Method for Critical Measuring Exponents During Sol-Gel Transitions In FRCC " Europhysics Conference on Gels, EPS, Balaton_ Szeplak, Hungary Sept. 25-29 1995
51. Y Yilmaz and O. Pekcan "Swelling of Gels by Fluorescence Method" 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
52. S. Ugur and O. Pekcan "Dissolution of Latex Films " 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
53. M. Canpolat, A. Erzan and O. Pekcan "Conformal Transition of Polymer Chain " 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
54. O. Pekcan " Recent Advances in Polymeric Dispersions " NATO- ASI Elizando, San Sebastian Spain, June 21- July 5 1996 (discussion leader)
55. O. Pekcan and Y. Yilmaz "Fluorescence Method for Studying Swelling Drying Kinetics of Gels "International Conference on Luminescence (ICL 96), Prague Czech Republic Aug 18-24 1996
56. Ö. Pekcan and Y. Yilmaz " Fluorescence Study of Slow Release and Swelling Processes in gels" Polymer Network 96 IUPACD 13 th Polymer network Group Con. Doorn The Netharlands 2-6 Sept. 1996
57. Ö. Pekcan " U. V. Method to Study Film Formation from Polystyrene Latices" Rolduc Polym. Meeting 10 Netharlands May 5-7 (1997)
58. Ö. Pekcan " Workshop and Polymeric Materials with Unusual Optical and Electrical Properties" Bilkent University May 1-2 , 1997 Ankara Turkey

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60. Y. Yılmaz and Ö. Pekcan “ Experimental determination of α , β and γ exponents in the Sol-Gel Phase Transition” IV. İstatistik Fizik Günleri İTÜ, Maçka , 17-18 July 1997, İstanbul Turkey
61. Ş. Uğur and Ö. Pekcan “ Relaxation and Diffusion Activation Energies in Dissolving Latex Film” IV. İstatistik IV Fizik Günleri İTÜ, Maçka , 17-18 July 1997, İstanbul Turkey
62. D. Kaya , O. Okay and Ö. Pekcan “ FRCC of Styrene and Divinyl benzene” IV. İstatistik Fizik Günleri İTÜ, Maçka , İstanbul Turkey 17-18 July 1997
63. Ö. Pekcan “ Fluorescence Method for Studying İnterdiffusion Processes During Coalescence of Latex Particles” İnternational Symposium on Lasers, Atomic and Molecular Physics. İTÜ , Maçka Campus , İstanbul Turkey, 16-20 Sept. 1997
64. Ö. Pekcan “ Fluorescence Method for Monitoring Gelation and Gel Swelling in Real Time” 5th İnternational Conference on Methods and Application of Fluorescence Spectroscopy Berlin-Germany 21-24 Sept. 1997
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66. Ö. Pekcan and E. Arda “ Fluorescence Method for Studying Latex Film Formation” NATO ARW Syntheses Optical Properties on Aplication of NIR Dyes , Trest (Bohemia) Czech Republic , 24-27 1997
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Liquid Crystal” V.İstatistik Fizik Günleri, İTÜ Maçka, İstanbul, Turkey, 16-18.July.1998.

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76. S. Kara and O. Pekcan "Studying Gelation Processes in PAAm Gels "İstatistik Fizik Gunleri VI ,Maçka, Istanbul Turkey , 15-16 temmuz 1999
77. D. Kaya, M. Erdogan and O. Pekcan "Serbest Radical Kopolymerizasyonu ile PMMA Jel Olusumu; FTRF Calismasi " İstatistik Fizik Gunleri VI Maçka, Istanbul Turkey , 15-16 temmuz 1999
78. O. Pekcan "Direct Fluorescence Technique to Study Evolution in Transparency and Crossing Density at Polymer-Polymer Interfaces " Interfaces and Colloid Systems, ERC, Heraklion,Crete Greece 18-23 sept. 1999
79. Ö. Pekcan “Fluorescence Technique for Gel Swelling” Seminar, Department of Physics , MIT, Boston USA , Jan 13 2000
80. Ö. Pekcan “ Experimental Determination of Gellation and Swelling Parameters “ International Seminars on Polymeric Materials in 21 th Century New Delhi, India ,21-23 Feb 2000
81. Ö. Pekcan and E. Arda “ UV-Visible Technique for Studying Latex Film Formation and Dissolution “ACS National Meeting, March 26-30 2000 San Francisco, USA
82. S.Yıldız, H. Özbek, Ö. Pekcan, Y. Hepuzer and Y. Yagcı “Comparative study of Liquid Crystalline Ordering in Monomers, Linear Polymers and Grafted Copolymers via The Photon Transmission Technique”APS National Meeting, Mineapolis, USA March 26- 29 2000
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84. M. Erdogan and Ö. Pekcan “ A Fluorescence Study for Monitoring Swelling of PMMA Gel Using FTRF Technique “World Polymer Congress IUPAC Macro 2000, Warsaw Poland 9-14 2000

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86. Ş. Uğur ,K. Aydin and Ö. Pekcan “ Dissolution of Irradiated Latex Films “ Istatistik Fizik Gunleri VII Macka, Istanbul Turkey, 20-21 july 2000
87. Ö. Pekcan “Packing Effect on Latex Film Formation and Dissolution “International Symposium on Optical Science and Technology “San Diego, USA july30-aug 4 2000
88. Ö. Pekcan “Ultrashort Processes” ESF, First General Meeting, Coimbra Portugal October, 22-24, 2000
89. Ş. Uğur and Ö. Pekcan “Oxygen Diffusion in Latex Film “ the 10 th Inter. Con. On Colloid and Interface Sci. 23-28 july 2000, Bristol, UK
90. Ö. Pekcan and S. Kara “Photon Transmission Technique for Monitoring Swelling of PAAm Gels “.APME, International Conference on Macromolecular Engineering, july 2001, Knoxville,Tennessee, USA
91. Ö. Pekcan “Formation Swelling and Drying of Acrylamide Gels “ Discussion Meeting on Selected Problems in Genetics and Molecular Biology , Orange County, Coorg, India 5-9 december 2001
92. H. Bermek, T. Deveci, M. Erdoğan, Ö. Pekcan and C. Tamerler “ Biological Decolorization of Chemically Different Textile Dyes by Funalin Trogi”7 th International Mycological Congress, Oslo, Norway 11-17 August 2002
93. Ö. Pekcan and Ş. Uğur “FTRF Technique for Swelling of Hard PMMA Latex Particles in Soft PIB Matrix “14 th SIS, Barcelona, Spain 9-14 june, 2002
94. Ö. Pekcan and Ş. Uğur “Entanglement Effect on Dissolution of Polymeric Glasses; A Fluorescence Study “ ICE 2002 Global Connectivity New Orleans USA, Oct.30-Nov.1, 2002
95. Ö. Pekcan “ Photophysical Tools in Polymeric Gels “ SOLAR’03 Solar Energy and Applied Photochemistry, Luxor ,Egypt Feb.23-28,2003
96. Ö. Tari and Ö. Pekcan “Sol-Gel Phase Transition of K-Carrageenan by Fluorescence Technique “8 th MAF Conference , Prague, Chech Republic August 10-15 2003
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- 98.D. Kaya, Y. Yılmaz and Ö. Pekcan “ Sol- Gel Transition in PAAm Gels by Using Fluorescence Technique “11 th IACIS,

Foz da Iguaçu Brazil Sept. 15- 19 2003

98. Ö. Pekcan and Ş. Uğur “Dissolution of Percolation Cluster on UV-cured Polymeric Films; A Fluorescence Study”
11 th IACIS Foz da Iguaçu Brazil Sept. 15- 19 2003
99. Ö. Pekcan “ Photophysical Tools in Polymeric Gels “
SOLAR’03 Solar Energy and Applied Photochemistry ,
Luxor ,Egypt Feb.23-28,2003
100. Ö. Pekcan “ Photophysical Techniques for studying Latex
Film Formation”Gordon Research Conference, Coatings
and Films, Colby Sawyer College, New London, NH,
USA July 13-18, 2003
101. Ö. Pekcan “Film Formation From Surfactant Free Polystyrene
Particles 15 Th Sufactant in Solution Symposium,
Fortaleza,Brazil, June 6-11 2004
102. Ö. Pekcan “Gel Swelling by Fluorescence Technique “IFG,
Ayazağa İTÜ Istanbul Turkey 24-26 June 2004
103. D.Kaya and Ö. Pekcan “ Reaction Kinetics of Various Polymeric
Systems by Using Fluorescence Technique “ MACRO 2004 40
th World Polymer Congress, Paris, France, July 4-9 2004
104. M. Erdoğan and Ö. Pekcan “ Swelling of Heterogels “ 10 th
IUPAC 17-22 July 2004, Granada, Spain
- 105.Ö. Tari and Ö. Pekcan “ Drying and Swelling of Kappa Carrageenan
Gels: A Steady State Fluorescence Study “ 5 th International
Conference, Polymer-Solvent Complexes & Intercalates,
11-13 July 2004 Lorient France
106. Ö. Pekcan “Film Formation from Polymer Colloids “ 2 th
International Aegean Physical Chemistry Days “ 7-10
October 2004, Ayvalik/ Balıkesir Turkey
107. Ö. Pekcan “Film Formation From Ceramic-Polymer Colloid
Composites “Gordon Research Conference, July 3-8, 2005,
Tilton New Hampshire USA
108. G.A.Evingür, K. Karşlı and Ö. Pekcan “Studying on the small molecule
diffusion into hydrogels; A Fluorescence Study “ International
Conference of the Balkan Physics Union, 22-26 August 2006,
Istanbul, Turkey
- 109.G.A. Evingur, D. K. Aktaş and Ö. Pekcan “ Fluorescence study of the
Mixture gels around the gel point “18.Polymer Networks Group
Conference, Functional and biological gels and networks: Theory
and experiment “ 3-6 September 2006, The University of Sheffield
Sheffield-UK
110. Ö. Yargı, Ş.Uğur and Ö. Pekcan” Reversible Film Formation
from PNIPAM Micro gel Particles Below Glass Transition “
XXVIIIth European Congress on Molecular
spectroscopy (EUCMOS XXVIII) 3-8 September 2006,
Istanbul University, Istanbul-TURKEY

111. Ö. Pekcan “Film Formation from Latex-Ceramic Composites
“ Control Engineering Laboratory, Helsinki University
of Technology, 7 June, 2007, Helsinki, Finland
112. G.A. Evingür, D.K. Aktaş and Ö. Pekcan “ A Fluorescence Study on
Swelling of Hydrogels (PAAm) at Various Temperatures”
IUMACRO 2007 Macromolecules for Sustainable Safe and
Healty World, 10—14 June, 2007 Brooklyn, New York, USA
113. Ö. Tarı and Ö. Pekcan “ Drying Process of Iota Carrageenan gels at
Various Temperatures by Using Fluorescence Technique”
IUMACRO 2007 Macromolecules for Sustainable Safe and
Healty World, 10—14 June, 2007 Brooklyn, New York, USA
114. Ö. Tarı and Ö. Pekcan “ Slow release from Carrageenan Gels at
Various Temperatures “ 6 th AIMECS 07 International Medicinal
Chemistry Symposium, July 8-11, 2007 Istanbul TURKEY
115. G.A. Evingür and Ö. Pekcan” Small Molecule Sorption
and Desorption in and out of PAAm Hydrogels at Various
Temperatures “6 th AIMECS 07 International
Medicinal Chemistry Symposium, July 8-11, 2007 Istanbul
TURKEY
116. Ö. Tarı and Ö. Pekcan “ Temperature Effect on Drying and Swelling
of Kappa Carrageenan Gels: A Steady State Fluorescence Study”
European Symposium on Polymer Spectra, ESOPS 17, 9-12
September 2007 Seggau, Austria
117. G. A. Evingür, K. Karlı and Ö. Pekcan “ In Situ Fluorescence Study of
Swelling Sorption and Desorption Processes in and out of PAAm
Gels” European Symposium on Polymer Spectra, ESOPS 17, 9-11
September 2007 Seggau, Austria
118. Ş. Uğur and Ö. Pekcan “ Fluorescence Study of Film Formation from
PS-TiO₂ Composites” ECIS 2007 21 st Conference of the European
Colloid and Interface Society, September 10-14, 2007 Geneva
Switzerland
119. S. Sunay, Ş. Uğur and Ö. Pekcan “Fluorescence Technique for
Composite Film Formation” 11th Dresden Polymer Discussion,
16-19 September 2007, Dresden, Germany
120. Ö. Yargı, Ş. Uğur and Ö. Pekcan “PS Doped PNIPAM Films at Various
Compositions: Reversible Film Formation” 11th Dresden
Polymer Discussion, 16-19 September 2007, Dresden, Germany
121. G. A. Evingür, D. K. Aktaş and Ö. Pekcan “ A Fluorescence Study on
Drying of Hydrogels(PAAm) at Various Temperatures”
11th Dresden Polymer Discussion, 16-19 September 2007,
Dresden, Germany
122. Ö. Tarı and Ö. Pekcan "Fluorescence Method for Measuring Swelling
Activation Energies of Iota Carrageenan gels" 11th Dresden
Polymer Discussion, 16-19 September 2007, Dresden, Germany
123. Ö. Pekcan “ Phase Transitions in Polysaccharide Gels” 7 th International
Conference, Advanced Polymers via Macromolecular Engineering

15-20 December 2007 Miami Beach, Florida, USA

124. G.A. Evingur, D. K. Aktaş, Ö. Pekcan “phase Transitions in hydrogels By Using Fluorescence Technique” Polymer Colloids from Design to Biomedical and Industrial Applications, 20-24 July, 2008 PRAGUE, Czech Republic
125. Ö.Tarı and Ö. Pekcan” Critical Exponents of Thermal Phase Transitions of Kappa Carrageenan in Various Salts “Polymer Colloids from Design to Biomedical and Industrial Applications 20-24 July, 2008 PRAGUE Czech Republic
126. Ö. Yargı, S.Uğur and Ö. Pekcan” Oxygen Diffusion into Polymer-Clay Composite Films as a Function of Clay Content and temperature” Polymer Colloids From Design to Biomedical and Industrial Applications, 20-24 July, 2008 PRAGUE Czech Republic
127. S.Uğur, Ö. Yargı, and Ö. Pekcan “Fluorescence Technique for film Formation from Polymer latex/ Clay Nanocomposites” SIS 2008 17 th International Symposium on Surfactants in Solution, 17-22 August 2008 Berlin Germany
128. Ö. Pekcan “Polystyrene Clay Nano-Composite Films” (invited) Polymeric Composites Symposium, Chamber of Chemical Engineers, 28-30 November 2008 İzmir Turkey
129. Ö. Pekcan “Polymer ceramic nanocomposites” SPIE Europe Microtechnologies for the new millenium, 4-6 May 2009 Dresden, Germany
130. G.A. Evingur and Ö. Pekcan “ Fluorescence Technique for monitoring Swelling of PAAm-Kcarrageenan Gel Composites” OPTIMESS May 25-26 2009 Antwrep, Belgium
131. Ö.Tarı, S. Kara and Ö. Pekcan” Studying of the Critical Exponents in Iota Carrageenan Gels by Using Fluorescence Technique” Frontiers in Polymer Science, 6-9 June 2009 Mainz, Germany
- 132 E.Arda, S. Kara and Ö. Pekcan “ Determination of Electrical and Optical Properties of Polystyrene- Multiwalled Carbon Nanotube Composite Thin Films” Frontiers in Polymer Science, 6-9 June 2009 Mainz, Germany
133. G.A. Evingur and Ö. Pekcan “The role of pyranine in characterization of PAAm-K-carregeenan composites by using Fluorescence Technique” MAF6-8 September 2009 Budapest, Hungary
134. Ö. Yargı , Ş. Uğur and Ö. Pekcan “Oxygen Diffusion in PS/MWNT Composite Films” nanomats 09, 10-13 August 2009 Istanbul, Turkey
135. G. A. Evingür and Ö.Pekcan “Mechanical and Electrical Properties of Polyacrylamide(PAAm)- Multiwalled Carbon nanotube (MWNT) Composite“ Carbon Materials for Today and Future, Turkish-Japanese Joint Carbon Symposium, 18-19 March 2010 Istanbul Technical University, Turkey
136. G. Akın Evingür, Ö. Pekcan " Mechanical Properties in Multiwalled Carbon nanotubes/ PAM composites", 6th Nanoscience and

Nanotechnology Conference (NanoTR-VI), Altın Yunus Hotel
Çeşme, İzmir, Turkey, 15- 18 June 2010.

137. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan” Universality gel fraction exponent during photoinitiated gelation at different temperatures; A photo-DSC study”, Macro2010: 43rd IUPAC World Polymer Congress, Glasgow (UK), Temmuz, 2010
138. Ş. Uğur Ö. Yargı , and Ö. Pekcan “Oxygen Diffusion into Clay Doped PS Films by using Fluorescence Technique” Polymer Network Group 20th Conference, Goslar Germany, Aug. 29-Sept. 2 (2010)
139. G. Akın Evingür, Ö. Pekcan “Electrical Conductivity and Elasticity Of PAM-MWNT” MRS, Polymer-Based Nanocomposites Boston USA, Nov.28- Dec.3, (2010)
140. S. Ugur, O. Yargi and O. Pekcan "Percolation and film formation Behaviors of MWNT/PS Nanocomposites" 11th International Conference on the Mechanical Behavior of Materials (ICM11) June 5-9, 2011, Milano (Italy)
141. G. Akın Evingür, Ö. Pekcan “ Effect of MWCNT Content on Elasticity Of PAAm-MWCNT Composites” 8th International Conference on Nanosciences and Nanotechnologies, Thessaloniki, Greece 12-15 July 2011
142. Ö.Pekcan “ Polymer Composites” IUPAC 9 International Conference On Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
143. Akın Evingür, Ö. Pekcan “PAAm-NIPA Copolymer; Drying with Various Monomer Content” IUPAC 9 International Conference On Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
144. Z. Doğruyol, N. Arsu and Ö. Pekcan” Real time monitoring of in-situ photopolymerization of acrylates by fluorescence spectroscopy” IUPAC 9 International Conference on Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
145. Akın Evingür, Ö. Pekcan “Effect of temperature on the drying of Swollen PAAm-NIPA copolymer” Workshop, Recent Advances in Synthetic and Biological Gels, ITU Istanbul TURKEY 21 September 2011
146. Ö. Pekcan “Gels from red seaweeds” Workshop, Recent Advances in Synthetic and Biological Gels, ITU Istanbul TURKEY 21 September 2011
147. Ö.Tari and Ö. Pekcan ”Modelling of Swelling by the Fluorescence Technique in Kappa Carrageenan Gels “Eds. Aslan MH; Oral AY; Ozer M; 1st International Congress on Advances in Applied Physics and Materials Science (APMAS) Antalya, TURKEY : MAY 12-15, 2011

148. C. Saçlıoğlu, Ö. Pekcan and V. Nanjundiah “Introduction to group behaviour in physical, chemical and biological systems “Individuals and Groups, Discussion Meeting-cum-Workshop, Almora, India 22 to 31 May 2012
149. G. Evingür and Ö. Pekcan “ Thermal Properties on the swelling of PAAm- MWNT Composite Gels via Fluorescence Technique” 9th International Conference on Nanosciences & Nanotechnologies (NN12)3-6 July 2012, Thessaloniki, Greece
150. S. Kara and Ö. Pekcan “Fluorescence, Electrical and Optical Percolation Properties of Poly(vinyl acetate) – Multi-Walled Carbon Nanotube Composite Films” 9th International Conference On Nanosciences & Nanotechnologies (NN12) 3-6 July 2012, Thessaloniki, Greece
151. Ö.Yargı, Ş. Uğur and Ö. Pekcan “ Oxygen Diffusion and Diffusion Energies of Polymer-Carbon Nanotube Composite Films” 8th Coatings Science International 2012, COSI 2012, 25 June – 2 June 2012 Noordwijk, The Netherlands
152. G. Akın Evingür and Ö. Pekcan “The Kinetic Models for the Dynamical Behaviors of PAAm- MWNT Composite Gels” MRS, 2012 USA
153. G. Akın Evingür and Ö. Pekcan “Elasticity of PAAm-Kappa Carrageenan Composites “The 10 th Frontiers in Biomedical Polymer Symposium, Vancouver, Canada June 3-6, 2013
154. S. Kara and Ö. Pekcan” Fluorescence and UV-visible Study of Temperature Induced Phase Transitions in Agarose Gels”(EPF) European Polymer Federation Congress 2013 June 16 -21,2013 Pisa, Italy
155. G. Akın Evingür and Ö. Pekcan “Characterization of Elasticity of PAAm-NIPA Copolymers” European Polymer Federation (EPF) Congress 2013, June 16 -21,2013 Pisa, Italy
156. S. Sunay, Ş. Uğur and Ö. Pekcan “Fluorescence Study of Film formation From PS/Al₂O₃ Nanocomposites” 9th Coatings Science International COS I, 2013, 24-28, 2013 Noordwijk, Holland
157. G. Akın Evingür and Ö. Pekcan “PAAm- NIPA Copolymer: Gelation, Drying, Swelling, and Elasticity with various NIPA Contents “ 4 July 2013 seminar series in Erasmus program, Leuven Belgium
158. A.H. Bilge, Y. Özdemir and Ö. Pekcan “ A Mathematical Description of the Critical Point in Phase Transitions “The Sixth International Workshop on Differential Equations and Applications September 11-14, 2013, Izmir University of Economics Izmir, Turkey
159. G. Akın Evingür and Ö. Pekcan” Effect of Temperature on the elasticity of swollen PAAm- NIPA Copolymers”, 1st International Conference on Mechanics of Composites 8-12 June 2014 , Stony Brook University, NY, USA
160. Ş. Uğur, S. Sunay and Ö. Pekcan”| Film Formation from PS Latex/TiO₂ Nanocomposites” 1st International Conference on Mechanics of Composites 8-12 June 2014 Stony Brook University, NY, USA

161. S. Sunay, S. Uğur and Ö. Pekcan “Film Formation Polystyrene and Poly (n-butyl acrylate) Latexes: An Excimer Study” COSI 2014 10th Coatings Science International 2014, 23 June - 27 June 2014 Noordwijk, The Netherlands
162. A.H. Bilge and Ö. Pekcan “A mathematical characterization of the gel point in sol-gel transition” International Conference on Mathematical Modeling in Physical Sciences, August 28-31, 2014, Madrid, Spain
163. G. Akin Evingür and Ö. Pekcan “THE EFFECT OF GRAPHENE- OXIDE (GO) ON THE MECHANICAL PROPERTIES OF GO- PAAm COMPOSITES” European Symposium of Photopolymer Science September 9-12, 2014 Vienna University of Technology, Vienna / Austria
164. S. Kara and Ö. Pekcan” NANO LAYERED COATINGS OF CARRAGEENAN AND RHODAMINE-LABELED CHITOSAN ON FUNCTIONALIZED GLASS SURFACES” European Symposium of Photopolymer Science September 9-12, 2014 Vienna University of Technology, Vienna / Austria
164. Ö. Pekcan, Ş. Uğur and M. S. Sunay” Fluorescence Study of Film formation From Polymer/Inorganic-oxide Based Composites” 1st International Symposium on Nanoparticles / Nanomaterials And Applications – ISN2A 2014, 08th - 10th September 2014 Caparica, Lisbon, Portugal
165. A.H. Bilge, Y. Özdemir and Ö. Pekcan “On the concurrence of global extrema of smooth real functions and their localization properties” 3rd International Conference on Complex Dynamical Systems: New Mathematical Concepts and Application in Life Sciences” TOBB University of Economics and Technology, Ankara, Turkey 24-26 November 2014
166. G. Akin Evingür, O. Pekcan”Mechanical properties of GO- PAAm composites before and after swelling “Fourth International Conference on Multifunctional, Hybrid and Nanomaterials 9-13 March 2015 | Sitges (near Barcelona), Spain
167. S. Uğur, S. Sunay and Ö. Pekcan “Film Formation from PS/Al₂O₃ Nanocomposites: A Fluorescence Study “ International Conference on Advances in Composite Materials and Structures (CACMS 2015) 13-15 April 2015, Istanbul, Turkey
168. G. Akin Evingür and Ö. Pekcan “Slow Release Kinetics of Alginate Beads” Fourth International Symposium, Frontiers in Polymer Science In association with the journal polymer 20-22 May 2015, Riva del Garda (on Lake Garda), Italy
169. S. Kara*, E. Arda, O. Pekcan “Electrical conductivity and optical transmittance properties of carrageenan and chitosan biofilm composites with graphene oxide and carbon nanotubes” Fourth International Symposium, Frontiers in Polymer Science In association with the journal polymer 20-22 May 2015, Riva del Garda (on Lake Garda), Italy
170. G. Akin Evingür*, H. Kaygusuz, F. Bedia Erim and Ö. Pekcan “Slow Release Kinetics of Alginate Beads” 11th Nanoscience and Nanotechnology Conference (NanoTR-11) Ankara, Turkey. 22 -25 June, 2015

171. S. Ugur, O. Yargi* and O. Pekcan” Optical and Conductivity Measurements for Understanding of Film Formation From Polymer Latex/Carbon Nanotube Composites” 5th International Colloids Conference 21-24 June 2015, Amsterdam, the Netherlands
172. B. Ö. UYSAL, Ü. Ö. A. ARIER and Ö. PEKCAN “Effect of Nanotube Concentration on the Structural, Electrical and Optical Properties of Carbon Nanotube Reinforced Transparent TiO₂ Composites” 3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM 2015), 19 to 23 October 2015, Fethiye- Mugla, Turkey
173. G. Akın Evingür and Ö. Pekcan “ Gelation and Elasticity of Graphene Oxide-Polyacrylamide Composites” GRAPHENE Related Technologies From Laboratory to Industry, 15-16 October 2015 ,Hilton Hotel Kozyatağı, İstanbul, Turkey
174. H. Kaygusuz1, G. Akın Evingür, Ö. Pekcan, R. von Klitzing, F. B. Erim “ The effect of surfactant type on the mechanical properties of alginate Beads” 6th International Colloids Conference, Berlin, 2016
175. G. A. Evingür, Ö. Pekcan “Polyacrylamide- Graphene Oxide Composites: Optical and mechanical properties with various GO contents” 46th IUPAC World Polymer Congress (MACRO 2016) 17- 21 July 2016 Haliç Kongre Merkezi, İstanbul, Turkey
176. S. Kara, E . Arda, and Ö. Pekcan “Monitoring the Formation of Aqueous Carrageenan, Chitosan and Graphene Oxide Composite Bilayers by a Newly Designed QCM Measurement System “ 19th international conference on Composites Structures (ICCS19) Porto, Portugal, 5 - 9 September, 2016.
177. G. A. Evingür, Ö. Pekcan “ Optical Energy Band Gap of PAAM-GO Composites “ 19th international conference on Composites Structures (ICCS19) Porto, Portugal, 5 - 9 September, 2016.
178. G. A. Evingür, Ö. Pekcan “ Optical Properties of Polyacrylamide- Graphene Oxide Composites “ 4th European Symposium on Photopolymer Science” September 11-14, 2016 in Leipzig,Germany
179. S. Kara and Ö. Pekcan “A Comprehensive QCM Study on Chitosan Carrageenan Thin Biofilms with PNIPAM Microgels” 4th European Symposium on Pho-topolymer Science” September 11-14, 2016 Leipzig, Germany
180. S. Kara, E. Arda, F. Dolastir, Ö. Pekcan “Monitoring the Thin Film Formation of Carrageenan and PNIPAm Microgels” 19th International Conference on Polymer Materials Science, Engineering and Technology, Copenhagen, Denmark on June, 11-12, 2017.
181. G. A. Evingür, Ö. Pekcan” Fractal Analysis of Polyacrylamide- Graphene Oxide Composite Gels” 19th International Conference on Polymer Materials Science, Engineering and Technology, Copenhagen, Denmark on June, 11-12, 2017.
182. Ö. Pekcan, S. Kara, T. Arsan, E. Buyukkaya “Fractals for Cardiology Literature and Diapers “11. Traditional International MIRROR CONFERENCE, Statistical and Condensed Matter Physics – Social Responsibility, KADİR HAS UNIVERSITY, Cibali, 19:00 Monday 25 December 2017

183. G. A. Evingür, **Ö. Pekcan** “ Graphene Oxide Effect on the Dynamical Behavior of PAAM-GO Composite Gels” The 5th European Symposium of Photopolymer Science Mulhouse, France September 3-6, 2018
184. S. Kara, E. Arda , Ö. B. Mergen and Ö. Pekcan “Determination of Optical Band Gap Energies of PMMA/GNP Composite” The 5th European Symposium of Photopolymer Science Mulhouse, France September 3-6, 2018
185. **Ö. Pekcan**, T. Arsan, Ş. Şişmanoğlu “Fractals Analysis of Orhan Pamuk’s Nobel Works “12. Traditional International MIRROR CONFERENCE, Statistical and Condensed Matter Physics – Social Responsibility, KADİR HAS UNIVERSITY, Cibali, 19:00 Monday 20, December, 2018
186. Bengü Özuğur Uysal, Şeyma Nayır, **Önder Pekcan** “Nano-filler (WS₂, MoS₂, MoSe₂) Enhanced Polyacrylamide Gels for Multi-functional Applications” Advanced Nano Materials, 17-19 July 2019, University of Aveiro, Portugal
187. Bengü Ö.Uysal, Şeyma Nayır, Şevval Koçoğlu, **Önder Pekcan** “ MoSe₂Reinforced Polyacrylamide Composites with Tunable Refractive Index and Band Gap Energy” Advanced Nano Materials, 17-19 July 2019, University of Aveiro, **Portugal**
188. B. Osma, G. A. Evingür, **Ö. Pekcan** “ Effect of Temperature and Graphene Oxide on the Swelling of PAAM-GO Composite Gels “ 10th International Conference on Nanotechnology: Fundamentals and Applications (ICNFA'19) August 18-20, 2019 Lisbon, **Portugal**.

National

1. O. Pekcan, D. Gulen and D. Inan, “Host-Guest Triplet Pairs in Organic Crystals " III Anual Meeting of Turkish Physics Association, Cukurova University, Adana, Turkey, March 10-13, 1980
2. O. Pekcan and D. Inan “Anisotropy in Magnetic Absorption of Exciton-Guest Pairs “VII Anual Meeting of TUBITAK, Aydin, Kusadasi, Turkey, October 6-10, 1980
3. D. Inan and O. Pekcan “Anisotropy of T1 Spin-Lattice Relaxation Time of Optical Excited Pyrene-d10 Molecule in Fluorene Crystal "VII Anual Meeting of TUBITAK, Aydin, Kusadasi, Turkey, October 6-10, 1980
4. O. Pekcan, “Luminescence Studies in Labelled Polymer Latex Particles " Hacettepe University, Ankara, Turkey, April 8 1983 (Seminar)
5. O. Pekcan, “Phosphorescence Studies in Naphtalene Labelled PMMA-PIB Particles "Cumhuriyet University, Sivas, Turkey, June 14 1983 (Seminar)

6. O. Pekcan, "Collapse of Polymer Chain in Solution "V Annual Meeting of Turkish Physics Association, Istanbul University, Istanbul, Turkey, September 7-9, 1983
7. O. Pekcan, "Single-Photon Counting Studies in Labelled Polymer Colloid Systems "Middle East Technical University, Ankara, Turkey, March 9 1983 (Seminar)
8. O. Pekcan, Y. Kaptan and Y. Demir " Microdomains in Polymer Colloids "VI Annual Meeting of Turkish Physics Association, Gebze, Istanbul, Turkey, August 28 1984
9. O. Pekcan, Y. Demir and Y. Kaptan "Study of Core Morphology in Polymer Colloid by ESR Method " I Makromolekul Kollokyumu, Ankara University, Ankara, Turkey, December 12-13, 1984
10. O. Pekcan, "Fluorescence Technique to Study Volume Deformation of Polymer Colloids " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
11. Y. Kaptan and O. Pekcan "Indications to Swelling of a Gamma Irradiated Polymer Colloid " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
12. O. Pekcan, H. Kiziltan and O. Birgul "Lattice Model for Naphthalene Labelled Polymer Colloid " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
13. Y. Demir and O. Pekcan "Study of Molecular Motions in Polymer Colloid by Spin Probe Method " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
14. Y. Demir, O. Pekcan and D. Inan " Nonsolvent Penetration into Polymer Colloid , Spin Probe Method " VII Annual Meeting of Turkish Physics Association, Yildiz University, Istanbul, Turkey, September 24 1985
15. Y. Kaptan and O. Pekcan " Molecular Motion in Gamma Irradiated Polymer Colloid " VII Annual Meeting of Turkish Physics Association, Yildiz University, Istanbul, Turkey, September 24 1985
16. Y. Kaptan, O. Pekcan, E. Arca and O. Guven "Oxygen Diffusion into Polymer Spheres " VIII Turkish Physics Association Symposia, Middle East Technical University, Ankara, Turkey, September 1986
17. Y. Demir and O. Pekcan " Nitroxide Radical Diffusion into Polymer Colloid by Non-solvents " III Makromolekul Simpozyumu Middle East Technical University, Ankara, Turkey January 1988
18. O. Pekcan " Fractal Like Particles " Bogazici University, Istanbul Turkey 16-Nov-1988 (Seminar)

19. O.Pekcan " Restricted Geometries " TUBITAK Solid state Physics Meeting Gebze, Kocaeli, Turkey 19-21 Oct. 1988 (invited)
20. O. Pekcan "Fractional Dimension and Restricted Geometries" Istanbul Technical University, Phys. Dept. Istanbul, Turkey 4-Nov-1988 (seminar)
21. O. Pekcan " Fracktal like Morphology in Polymer Particles " TFD 11 Ulusal Fizik Kongresi 1-2 Sept 1989,Ankara, Turkey (invited)
22. O. Pekcan " Fracktal Morphology in Polymer Blends " 7, March 1990 Chemistry Department, ITU, Istanbul, Turkey (Seminar)
23. O. Pekcan "Apparent Dimension in a Blend-like Spherical Polymer Particles " Bogazici Universitesi, Istanbul, Turkey, 1990 (Seminer)
24. O. Pekcan " Polymer Diffusion by ESR " Physisc Department ITU December 1990 Istanbul, Turkey (seminar)
25. O. Pekcan "Fractal Like Structure in Polymers " Physisc Dept. Trakya University 10 January 1991 Edirne, Turkey (Seminar)
26. O. Pekcan "Non-Integer Dimensionalities in Restricted Geometries " ITU, Istanbul, Turkey 20 Dec. 1992 (seminar)
27. O Pekcan " Chain Diffusion at Polymer-Polymer Interface " ITU, Istanbul, Turkey 30 April 1993 (Seminar)
28. M. Canpolat and O. Pekcan " Modelling of Kink Jumps During Polymer Diffusion " Chemical Physics II, Bilkent University, Ankara Turkey 11-13 May 1993
29. M. Canpolt and O. Pekcan " Study of Healing and Diffusion During Latex Film Formation by Fluorescence Technique " Chem. Phys. II, Bilkent Unyversity, Ankara Turkey 11-13 May 1993
30. O. Pekcan " Alasimli Polimer Parcaciklarda Fraktal Yapilar " Inonu Universitesi, Malatya Turkiye 29 Dec. 1995 (seminar)
31. O. Pekcan " Polymer Yapilarda Fraktallar " Trakya Universitesi Edirne Turkiye 29 March 1996 (seminar)
32. O. Pekcan " Latex Parcaciklardan Filim Olusumu " Gaziantep Universitesi, Gaziantep Turkiye 19 April 1996 (seminar)
33. O. Pekcan " Fraktallar " 18 Mart Universitesi, Canakkale Turkiye 12 April 1996 (seminar)
34. Ö. Pekcan " Fluorescence Technique For Sol-Gel Phase Transitions" KOÇ Universitesi , İstanbul Turkey 15 Dec. 1996 (seminar)
35. Ö. Pekcan " Sol-Gel Transition" Boğaziçi Universitesi , İstanbul Turkey 26 Dec.1996 (seminar)

36. Ö.Pekcan, "Fluorescence Method for Studying Latex Film Formation" TFD-17, Alanya, Turkey, 17-31.Ekim.1998.
37. Ö.Pekcan, "Latex Films and Fluorescence Method" Chem.Dept. Bilkent University Ankara Turkey (Seminer) Dec.5.1998.
38. S. Yıldız , H. Ozbek and O. Pekcan, "Multiple Phase Transitions in Liquid Crystals" Istatistik Fizik Gunleri VI Macka, Istanbul Turkey 15-16 temmuz 1999
39. O. Pekcan "Latex Film Olusumu ; Foton Yansimasi ve Gecirgenligi ile İlgili Bir Calisma " Seminar Fizik Bolumu ITU, Istanbul Turkey 15, Oct. 1999
40. Ö. Pekcan " Gel Swelling " Seminar,Bogazici Universitesi, 22 Dec 1999 Istanbul Turkey
42. Ö. Pekcan " Avrupa Birliđi ve Türkiye " Panel, İTÜ Yüksek Mühendisler Birliđi, Ankara Turkiye 26 mayıs 2001
43. Ö. Pekcan " Polimerlerin Hareketleri " Seminer (TÜBA) Balıkesir Üniversitesi, Balıkesir 19 nisan 2002
44. Ö. Pekcan " Polimer Malzemelerin Çözünme Mekanizmaları " Seminer (TÜBA) Akdeniz Üniversitesi, Antalya, 28 ocak 2003
45. Ö. Pekcan " Polimer Filmlerin Çözünmeleri " Seminer (TÜBA) Pamukkale Üniversitesi, Denizli 25-26 mart, 2003
46. Ö. Pekcan "Jel Şişmesi " Seminer (TÜBA) Sütçü İmam Üniversitesi Kahraman Maraş,8-9 nisan 2004
47. Ö. Pekcan "Polymer Film Formation For Surface Coating "TMMOB, KMO 2nd Paper-Cardboard, Ink, Printing Symposium and Exhibition with International Participant, İzmir, 2-5 aralık 2004
48. Ö. Pekcan " Seramik-Polimer Kompozitler " Seminer (TUBA) Muđla Üniversitesi, Muđla, 9 Mart 2005
49. Ö. Pekcan « Polimer Kaplamalar » Dünya Fizik yılı Etkinlikleri, Kocaeli Üniversitesi, İzmit, 23-24 Mayıs 2005
50. Ö. Pekcan « Time Resolved Fluorescence for Gel Swelling » IX Ulusal Spektroskopi Kongresi, Bilkent Üniversitesi, Ankara, 8-10 Haziran 2005
51. Ö. Pekcan "Phase Transitions in Biological Gels "XVIII. Ulusal Biyofizik Kongresi, Beypazarı, Ankara, 6-9 Eylül 2006
52. Ö. Pekcan "Bio-gels "Seminar, Kadir Has Üniversitesi, İstanbul 15 Aralık 2006
53. Ö. Pekcan "Film Formation from Polymer Particles" Işık Üniversitesi, Department of Physics, Istanbul March 23, 2007
- 54.Ö. Pekcan "Phase Transition in Polyacrylamide Gels" Işık Üniversitesi, Department of Physics, Istanbul March 30, 2007

55. Ş. Uğur, Ö. Yargı, Ö. Pekcan “Film Formation from PS Latex doped PNIPAM Hydrogels at various Heating and cooling rates” TFD 24 th Meeting, İnönü University, Malatya August 28-31, 2007
56. Z. Doğruyol, F. Karasu, D. Karaka, Nergis Arsu, Ö. Pekcan “Fotobaşlatılmış Polimerizasyon İşleminde Jelleşme Kritik Üstlerinin Foto-DSC Spektroskopisi Yöntemi Kullanarak Elde Edilmesi” Turk Kimya Derneği Toplantısı, İnönü University, Malatya August 21-23, 2007
57. Ö. Tarı, Ö. Pekcan “Fluorescence Study on Drying of Iota Carrageenan Gels at Various Ca Cl₂ Content” TFD 24 th Meeting, İnönü University Malatya August 28-31, 2007
58. G. Evingür, Ö. Pekcan “Fluorescence Technique for Measuring Drying And Swelling Activation Energies of PAAm Gel” TFD 24 th Meeting, İnönü University, Malatya August 28-31, 2007
59. Z. Doğruyol, N. Arsu, Ö. Pekcan “Universality in Gelation of Epoxy Acrylate with Various Light Intensity: A Photo Differential Scanning Calorimetric Study” Physical Chemistry, İTÜ İstanbul April 2008,
60. G. Evingür, D. Kaya Aktaş and Ö. Pekcan “Critical Phenomena of multiwalled carbon nanotubes / polyacrylamide composite gels Nano TR-2008, İTÜ, İstanbul 13-14 June, 2008
61. Ş. Uğur , Ö. Yargı and Ö. Pekcan “Oxygen Diffusion in Polymer-Clay Nanocomposite Films Based on Fluorescence Quenching “ Nano TR-2008, İTÜ, İstanbul 13-14 June, 2008
62. G. Evingür, D. Kaya Aktaş and Ö. Pekcan “ Swelling and Drying of Hydro gels (PAAm) at Various Cross linker Densities: A Fluorescence Study” TFD 25 th Meeting, Bodrum 25-29, August 2008
63. Ş. Uğur , S. Sunay, A. Elaissari and Ö. Pekcan” Film formation of Nano-sized Hard latex in Soft Polymer Matrix by Fluorescence Technique” TFD 25 th Meeting, Bodrum 25-29 August 2008
64. Z. Doğruyol, N. Arsu, Ö. Pekcan” Değişen Işık Şiddeti ve Fotobaşlatıcı Konsantrasyonu ile Yapılan Jelleşmede Evrensel Üstlerin Tayini” TFD 25 th Meeting, Bodrum 25-29 August 2008
65. Ö. Tarı and Ö. Pekcan “ Modelling of Swelling by Fluorescence Technique In Kappa Carrageenan Gels” TFD 25 th Meeting, Bodrum 25-29 August 2008
66. Ö. Pekcan “ Bilim Teknoloji ve Toplum” Açılış Dersi, Kadir Has Üniversitesi, 22 Eylül 2008, Cibali İstanbul
67. Ö. Pekcan “Yosunlarda Faz Geçişleri ” Berker-FEST, İTÜ Makina Fakültesi, Gümüşsuyu, İstanbul 14-15 Kasım 2009
68. Z. Doğruyol, S.K. Doğruyol, N. Arsu and Ö. Pekcan” Epoksi Akrilatların UV ile Jelleşmesi Sırasında Camsı Bölgelerin DMF içinde Perkülasyonu ” 24 Ulusal Kimya Kongresi, Zonguldak Kara Elmas Üniversitesi, Zonguldak, Türkiye 29 Haz.-2 Temm. 2010

69. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan, Effect of Acrylate Functionality on the Gelation Kinetics and Critical Exponents, International Chemical Physics Congress-IX, İzmir, Ekim, 2010.
70. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan, Investigation of Photoinitiation Mechanisms of Novel Visible Photoinitiators Based on Thioxanthone by Laser Flash Photolysis, International Chemical Physics Congress-IX, İzmir, Ekim, 2010.
71. Z. Doğruyol, G. Temel, S.K. Doğruyol, N. Arsu, Ö. Pekcan “PST-MWNT Miktarının, Filmlerin Mekanik Özelliklerine Etkileri ve Ve Jelleşmeye ait Kritik Exponentler” Türk Fizik Derneği 27. Uluslararası Fizik Kongresi, İstanbul, 14,Eylül, 2010.
72. G. Evingür and Ö. Pekcan” Drying of PAM-K-Carrageenan Composite Gell Swollen in Water” Türk Fizik Derneği 27 Uluslararası Fizik Kongresi, İstanbul, 14,Eylül, 2010.
73. Ö. Pekcan ” Phase Transitions in Red Seaweeds” 14 Ulusal Sıvihal Fiziği Sempozyumu, Trakya Üniversitesi, Balkan Kongre Merkezi Edirne, 23-26 Aralık 2010
74. G. Evingür and Ö. Pekcan “PAM-K-Carrageenan Composites; Drying Swelling with Various K-Carrageenan Contents”Adv. In App. Physics and Materials Science Congress” Miranda, Kemer, Antalya 12-15 Mayıs, 2011
75. G. Evingür and Ö. Pekcan “Elastic Properties of a Swollen PAM-K-Carrageenan Composite at Various Temperatures” NanoTRVII Ulusal Nanobilim ve Nanoteknoloji Konferansı, İstanbul 27 Haziran-1 Temmuz 2011
76. Ö. Pekcan “ Biological Gels “ Seminer, Sabancı Üniversitesi, Gebze İstanbul, 2 Kasım 2011
77. G. A. Evingür and Ö. Pekcan “Sol- Gel Phase Transitions in Composite Gels” 15.Ulusal Sıvı Hal sempozyumu, 24- 26 Kasım 2011, Piri Reis Üniversitesi, İstanbul
78. G. A. Evingür, Ö. Pekcan “ Monitoring of Dynamical processes in PAAm- κC Composites” 16. Ulusal Sıvihal Fiziği Sempozyumu 21-22 Aralık 2012, İstanbul Üniversitesi, Baltalıman Tesisleri, İstanbul
79. Ö.Pekcan “ Bilim ve Buluşlar” konferans, liseler için bilim, 19 Şubat 2013 Kadir Has Üniversitesi, İstanbul
80. Ö.Pekcan “Biyo Jellerde Faz Geçişleri” Seminer, 1 Mart 2013 İstanbul Üniversitesi, Fizik Bölümü , İstanbul
81. G. A. Evingür, Ö. Pekcan “ PAAm- NIPA Copolymer: Drying, Swelling, and Elasticity with various NIPA Contents “ 17 Ulusal Sıvihal Fiziği Sempozyumu 13-14 Aralık 2013, Üniversitesi, Baltalıman Tesisleri, İstanbul
82. Ö. Pekcan “Bilim ve Teknoloji Nereden Nereye “ Salı Seminerleri 11 Mart 2014 Kadir Has Üniversitesi, İstanbul

83. Ö. Pekcan”Bilimin Gelişimi ve İcatlar ”Biyoinformatik ve Genetik Çalıştayı, 28 Mart 2014, Kadir Has Üniversitesi, İstanbul
84. İ. ÖZYİĞİT, E. KARAKUŞ ve Ö. Pekcan” N-(1-Pirenil)maleimid (PM) İle Modifiye Edilmiş Sığır Serum Albümin (Bovine Serum Albumine; BSA)’inin Eksimer Emisyonuna ait Floresans Ömür Dağılımının Kimotripsin ve Tripsin Etkisi İle Değişiminin İncelenmesi “24-26 Eylül 2014 ,Bilkent Üniversitesi ,2. Ulusal Organik Kimya Kongresine, Ankara
85. İ. ÖZYİĞİT, E. Karakuş ve Ö. Pekcan “Examination of Lifetime Distribution Changes of Human Serum Albumin Modified With N-(1-Pyrenyl)maleimide (PM-HSA) by The Proteolytic Activities of Chymotrypsin and Trypsin” XI. Kimyasal fizik kongresi, 17-18 Ekim, 2014, Pendik İstanbul
86. G. A. Evingür; H. Kaygusuz; F. B. Erim ve Önder Pekcan “Calcium Ion Effect on Slow Release from Alginate Beads” XI. Kimyasal Fizik kongresi, 17-18 Ekim, 2014, Pendik İstanbul
87. Ö. Pekcan “Bilimsel Gelişmeni Neresi ndeyiz ? “ Mühendislik ve Mimarlık Fakültesi Bilim, Teknoloji ve Toplum (BTT) Seminerleri 19 Kasım Çarşamba, 2014, Kemer Burgaz Üniversitesi, İstanbul
88. G. A. Evingür; H. Kaygusuz; F. B. Erim ve Önder Pekcan “A Fluorescence Study on Slow Release Kinetics of Alginate Beads” ULUSAL 18. SIVIHAL SYMPOSIUM, 5-6 December, 2014 Piri Reis Üniversitesi, Tuzla- İstanbul, TURKEY
89. Ö. Pekcan “Bilim ve Günlük Yaşam I ” Biyoinformatik ve Genetik Çalıştayı, 16-18 Nisan 2015, Kadir Has Üniversitesi, İstanbul
90. G. Akın Evingür and Ö. Pekcan” Mechanical properties for Graphene Oxide- Polyacrylamide Composites” 22. İstatistik Fizik Günleri 25-27 Haziran 2015 İstanbul Teknik Üniversitesi, istanbul
91. Ö. Pekcan “Bilim ve Günlük Yaşam II” Biyoinformatik ve Genetik Çalıştayı, 9 Temmuz 2015, Kadir Has Üniversitesi, İstanbul
92. G. A. Evingür and Ö. Pekcan” Elasticity of Polyacrylamide- Graphene Oxide Composites “ 19. ULUSAL SIVI HAL SEMPOZYUMU 19 Aralık 2015 İstanbul Üniversitesi Baltalimanı Tesisleri, Baltalimanı, İstanbul
93. İ. E. Özyiğit , E. D. Akten, Ö. Pekcan” Analysis of Structural Changes of Proteins by Fluorescence Lifetime Distributions” 23. İstatistiksel Fizik Günleri, 23-24 June 2016, İTÜ, İstanbul
94. Ö. Pekcan “ Fraktallar” Biyoinformatik ve Genetik Lise Çalıştayı, 22 Temmuz 2016, Kadir Has Üniversitesi, İstanbul
95. Ö. Pekcan “ Fractal Structures in Gels “ Cuma Seminerleri, 17 Şubat 2017 Kadir Has Üniversitesi , İstanbul
96. Ö. Pekcan “ Fractals and Gels “24. İstatistiksel Fizik Günleri, 28-30 June 2017, İYT, İzmir

97. Ö. Pekcan “ Phase Space for Cardiology Literature and Earthquake”
Hortaçsu-Fest, 19, Nisan 2018, Mimar Sinan Üniversitesi, Bomonti
Yerleşkesi, İstanbul
98. Ö. Pekcan “KARDİYOLOJİDEN EDEBİYATA GÜNDELİK
HAYATTA FRAKTALLAR” Bilim Akademisi Konferansı 66,
19, Eylül 2018 Çarşamba, 18 30, Yapı Kredi Kültür Sanat, Galatasaray,
İstanbul
99. Önder Pekcan “Yaşamımızda Her Yerde 1.7 Boyut ve Orhan Pamuk”
2.KHAS-Rehber Öğretmenler Akademisi “Geleceği Kuranlar ile
Geleceğe Yön Verenler Birarada” 22 Aralık, 2018 Cumartesi, 09 30
Kadir Has Üniversitesi/Galata Salon, İstanbul
100. Önder Pekcan “Yaşamımızda Her Yerde 1.7 Boyut ve Orhan Pamuk”
1.KHAS-Mezun Akademisi, 19. Ocak.2019 Kadir Has Üniversitesi
Galata Salon Cibali,Fatih, İstanbul
101. Önder Pekcan “Yaşantımızda Fraktallar” Perşembe Söyleşileri, Özgen
Berkol Doğan Bilimkurgu Kütüphanesi, 7 Şubat Perşembe,2019
19:30 Moda, İstanbul
102. Taner Arsan and Önder pekcan “Orhan Pamuk,Your Heart, and
Shifting Ground:Their Fractal Dimension” 26. İstatistiksel Fizik Günleri,
27-29 June 2017, İYT, İzmir
103. Önder Pekcan “ karmaşık Sistemler ve Veri Bilimi” (katıldığı) Çalıştay,
Kadir Has Üniversitesi, 18-19 Temmuz, 2019, Cibali, Fatih, İstanbul
104. Önder Pekcan “ Yaşamımızda Her Yerde 1,7 Boyut ve Orhan Pamuk”
Mühendislik ve Bilim, Yaşam ve Gelecek KHAS Lise Yaz Okulu Dersi
1Temmuz, 2020, Zoom, 11 00-12 00
105. Önder Pekcan “ Fraktallar “ Biruni Üniversitesi, 3, Kasım, 2020 Zoom.
106. Önder Pekcan “ Fraktallar” Lise Kış Okulu, Moleküler Biyoloji
Ve Genetik Kadir Has Üniversitesi, 25 Ocak, 2021, Khas Learn,
15 00-16 20
107. Önder Pekcan “ Yaşamımızda Her Yerde 1,7 Boyut ve Orhan Pamuk”
Mühendislik ve Bilim, Yaşam ve Gelecek KHAS Lise Kış Okulu Dersi
Zoom : 12 45-13:25, 27 Ocak , 2021