

CIRRICULUM VITAE

1. Name : Yasemin Şengün Demircan
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3. Date of Birth : 1979
4. Title : Asst. Prof. Dr.
5. Degree

Degree	Department	University	Year
B.Sc.	Physics Engineering	Istanbul Technical University	1997-2003
M.Sc.	Physics Engineering	Istanbul Technical University	2003-2005
Ph.D.	Physics Engineering	Istanbul Technical University	2005-2013

5. Academic Titles

Title	Department	University	Year
Asst. Prof. Dr.	Software Engineering(English)	Maltepe University	2016-
Asst. Prof. Dr.	Mathematics&Computer	Istanbul Aydın University	2013-2015
Teaching Assistant	Physics Engineering	Istanbul Technical University	2005-2013

6. Graduate Theses Supervised (Master and PhD)

6.1 Master Theses

6.2 PhD Theses

7. Publications

7.1 Papers published in the refereed international journals (SCI & SSCI & Arts and Humanities)
1) Y. Şengün, S. Durukanoğlu, "Vibrational Behavior of Metal Nanowires under Tensile Stress", Phys. Rev. B 83, 113409 (2011).
2) Y. Şengün, S. Durukanoğlu, " Vibrational properties of Cu nanowires ", Physica A, 389, 2945, (2010).
3) Y. Şengün, A. Erzan, "Content based network model with duplication and divergence," q-bio.MN /0510022, Physica A 365, 446-462 (2006).
4) Y. Şengün, A. Erzan, "Hydrophobic chains near hydrophobic surfaces – simulations in three dimensions, " J. Phys.: Condensed Matter 17, S1183-S1194 (2005).

7.2 Papers presented at international conferences and published in the proceedings
1) Y. Şengün, S. Durukanoğlu "Vibrational Behaviour of Metal Nanowires under Tensile stress" (APS Mart toplantısı) (Abstracts - Posters Book pp.494) 21–25 Mart, 2011, Dallas, Texas, USA.
2) Y. Şengün, S. Durukanoğlu "Vibrational Properties of Metal Nanowires", International Conference on Nanomaterials and Nanosystems,) (Abstracts - Posters Book pp.) 10-13 Ağustos, 2009, İTÜ, Maslak, İstanbul.

7.3 Books or book chapters in international publications

7.4 Papers published in other national journals

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7.5 Papers presented at national conferences and published in the proceedings

1) Y. Şengün, S. Durukanoğlu "Local Vibrational Density of States of Cu Nanowires" 17. İstanbul İstatistiksel Fizik Günleri, 1-3 Temmuz, 2010, Sabancı Üniversitesi, Tuzla, İstanbul.
2) Y. Şengün, S. Durukanoğlu "Vibrational Characteristics of Cu Nanowires" 6th Nanoscience and Nanotechnology Conference (NanoTR6), 15-18 Haziran, 2010, Çeşme, İzmir.
3) Y. Şengün, S. Durukanoğlu "Metal Nanotellerin Titreşimsel Özellikleri" 26. Uluslararası Fizik Kongresi, 24-27 Eylül, 2009, Bodrum, Muğla.
4) Y. Şengün, O. Gürlü "Nanofotonik Uygulamalar için Plazmonik Dalga Kılavuzları" Nano Bilim ve Nano Teknoloji Çalıştayı, 12-13 Şubat, 2009, İTÜ, Maslak, İstanbul
5) Y. Şengün, A. Erzan, "Topological Properties of Genetic Networks", 12. İstatistik Fizik Günleri, Temmuz 2005, İTÜ, Maslak, İstanbul.
6) Y. Şengün, A. Erzan, "Statistics of hydrophobic chains" 11. İstatistik Fizik Günleri, Haziran 2004, İTÜ, Maslak İstanbul.

7.6 Other publications

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8. Projects

TÜBİTAK Scholarship for TÜBİTAK 1001 Project (No.109T105)

9. Administrative duties

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10. Memberships in scientific organizations

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11. Awards

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12. Undergraduate and graduate courses given in the last two years

Academic Year/Semester	Course Title	Weekly Hours/Theoretical	Number of Students
2014-2015 (Spring)	Physics II	4	500 (approx.)
2014-2015 (Fall)	Physics I	4	500 (approx.)
2013-2014 (Spring)	Physics II	4	450 (approx.)
2013-2014 (Fall)	Physics I	4	450 (approx.)