

# Asst. Prof. Gökçen ÇEKİÇ ÖZTEK

## Personal Information

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## Education Information

Doctorate, University Of Birmingham, School Of Mathematics, Applied Mathematics, United Kingdom 2011 - 2015

Post Graduate, Tobb Ekonomi Ve Teknoloji Üniversitesi, Matematik Bölümü, Turkey 2006 - 2009

Under Graduate, Ankara Üniversitesi, Matematik Bölümü, Turkey 2001 - 2005

## Certificates, Courses and Trainings

Education Management and Planning, Introduction to Assessment and Feedback, University of Birmingham, 2014

Education Management and Planning, Laboratory Based Demonstrating, University of Birmingham, 2012

Education Management and Planning, Introduction to Learning & Teaching in Higher Education for Postgraduates, University of Birmingham, 2012

## Dissertations

Doctorate, Wave regimes and mass transfer in two-layer falling films, The University of Birmingham, Natural Sciences, School Of Mathematics, 2015

Post Graduate, Gecikmeli av-avcı sistemlerinde Hopf çatallanma ve kararlılık analizi, Tobb University Of Economics And Technology, Fen Bilimleri Enstitüsü, Matematik, 2009

## Research Areas

Physics, Electromagnetism, Acoustics, Heat Transfer, Classical Mechanics and Fluid Dynamics, Fluid Dynamics, Natural Sciences

## Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2016 - 2018

Lecturer PhD, Ted Üniversitesi, Temel Bilimler Birimi, Temel Bilimler Birimi, 2015 - 2016

Research Assistant, University Of Birmingham, Faculty Of Science, School Of Mathematics, 2011 - 2015

Research Assistant, Tobb Ekonomi Ve Teknoloji Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2006 - 2009

## Courses

Differential Equations 2, Under Graduate, 2017 - 2018

Partial Differential Equations, Under Graduate, 2017 - 2018

Integral Calculus, Under Graduate, 2016 - 2017, 2017 - 2018

Lineer Cebir, Under Graduate, 2016 - 2017

Differential Equations 1, Under Graduate, 2017 - 2018

Matematik 2, Under Graduate, 2016 - 2017

Lineer Cebir, Under Graduate, 2016 - 2017

Analiz 2, Under Graduate, 2015 - 2016  
Kombinatorik, Under Graduate, 2016 - 2017  
Mathematics 1, Under Graduate, 2016 - 2017

## Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, İstanbul Üniversitesi, July, 2017

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **BIFURCATION ANALYSIS OF A LOGISTIC PREDATOR-PREY SYSTEM WITH DELAY**  
Celik C., Cekic G.  
ANZIAM JOURNAL, vol.57, pp.445-460, 2016 (Journal Indexed in SCI)
- **Gas absorption into a wavy two-layer falling film**  
Cekic G., Sisoiev G. M.  
AIChE JOURNAL, vol.61, pp.2058-2069, 2015 (Journal Indexed in SCI)
- **On wave families in a two-layer falling film**  
Cekic G., Sisoiev G. M.  
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, vol.69, pp.45-54, 2015 (Journal Indexed in SCI)
- **Dominating wave regimes in a two-layer film flowing down a vertical wall**  
Cekic G., Sisoiev G. M.  
PHYSICS OF FLUIDS, vol.26, 2014 (Journal Indexed in SCI)

## Book & Book Chapters

- **Nonlinear wavy two-layer falling films**  
ÇEKİÇ ÖZTEK G.  
Lap Lambert Academic Publishing, Saarbrücken, 2015

## Refereed Congress / Symposium Publications in Proceedings

- **İki katmanlı Film Akışlarında Dalga Dinamikleri**  
ÇEKİÇ ÖZTEK G.  
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017, pp.1
- **Attracting wave regimes for two layer falling films**  
ÇEKİÇ G., Sisoiev G. M.  
American Physical Society 69th Annual Division of Fluid Dynamics Conference, Portland, United States Of America, 20 - 22 November 2016, pp.432
- **Dominating waves in two-layer falling films**  
ÇEKİÇ G.  
British Applied Mathematics Colloquium, Cardiff, United Kingdom, 28 - 30 April 2014, pp.10
- **Dominating wave regimes in two-layer liquid films**  
ÇEKİÇ G.  
The International Advances in Applied Physics and Materials Science Congress and Exhibition, Muğla, Turkey, 23 - 27 April 2014, pp.1
- **Instabilities and nonlinear waves in two-layer film flowing down a vertical plane**  
ÇEKİÇ G.  
American Physical Society 66th Annual Division of Fluid Dynamics Conference, Pittsburgh, United States Of America, 24 - 26 November 2013, pp.45

## **Memberships / Tasks in Scientific Organizations**

American Physical Society, Member, 2016 - Continues

London Mathematical Society, Member, 2014 - 2016

## **Scientific Refereeing**

Physics of Fluids, SCI Journal, February 2018

Physics of Fluids, SCI Journal, March 2016

## **Invited Congress and Symposium Activities**

İki katmanlı Film Akışlarında Dalga Dinamikleri, Attendee, Turkey, 2017

Attracting wave regimes for two-layer falling films, Attendee, Oregon, United States Of America, 2016

Instabilities and nonlinear waves in two-layer film flowing down a vertical plane, Attendee, --Seçiniz--, United Kingdom, 2014

Dominating waves in two-layer falling films, Attendee, Cardiff, United Kingdom, 2014

Dominating wave regimes in two-layer liquid films, Attendee, Muğla, Turkey, 2014

Instabilities and nonlinear waves in two-layer film flowing down a vertical plane, Attendee, Pennsylvania, United States Of America, 2013

## **Citations**

Total Citations (WOS):3

h-index (WOS):1