



Anadolu Reoloji Derneği Anatolian Society of Rheology

1ST INTERNATIONAL WORKSHOP ON RHEOLOGY

2-Day Short Courses on: Fundamental Aspects of Rheology of Soft Materials

by the International Committee on Rheology (ICR) officials



Prof. Dimitris Vlassopoulos
F.O.R.T.H. / IESL

Prof. Gerald Fuller
Stanford University

Prof. Peter Fischer
ETH Zurich

DATES:

03-04 Dec. 2026

VENUE:

İTÜ Ayazağa

Computer & Informatics

Engineering Faculty

Conference Room-Lobby

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Anton Paar

About the Short Courses:

- Introduction to Rheological Concepts
- Linear viscoelasticity
- Nonlinear rheology (shear, extension)
- Interfacial rheology
- Colloidal suspensions, yielding, aging, thixotropy
- Application to foodstuff and biological and active systems

Ne zaman/When:

3-4 Aralık/December 2026

İTÜ Ayazağa Campus

www.reoloji.org.tr

ANADOLU REOLOJİ DERNEĞİ

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Anadolu Reoloji Derneği Anatolian Society of Rheology

1ST INTERNATIONAL WORKSHOP ON RHEOLOGY

2-Day Short Courses on:

Fundamental Aspects of Rheology of Soft Materials

General abstract: The short course covers fundamental aspects of rheology of soft materials. After a general introduction, basic concepts and approaches to understand the linear viscoelasticity and nonlinear shear and extensional rheology will be presented. Then, special topics of broad and emerging interest will be covered: interfacial rheology, yielding mechanisms, aging and thixotropy, rheology of foods and active or living systems. The course is addressed to graduate students and professionals working in industry. Some background in thermodynamics and transport phenomena is helpful but not a prerequisite to follow the lectures.

Day 1: 03 December 2026

9:00-9:15 -Introduction to Anatolian Society of Rheology (ARD President)

9:15-9:30 -Introduction to International Committee on Rheology (ICR President)

9:30-10:30 -Introduction to Rheology (Fuller)

10:30-11:00 -Coffee Break & Networking

11:00-13:00 -Linear viscoelasticity (Fuller & Vlassopoulos)

13:00-14:30 -Lunch Break

14:30-16:30 -Nonlinear rheology (shear, extension) (Vlassopoulos)

Day 2: 04 December 2026

9:30-10:30 -Interfacial rheology (Fuller & Fischer)

10:30-11:00 -Coffee Break & Networking

11:00-12:00 -Colloidal suspensions, yielding, aging, thixotropy (Vlassopoulos & Fischer)

12:00-13:30 -Lunch Break

13:30-16:30 -Application to foodstuff and biological and active systems (Fischer & Fuller)

by the ICR - the International Committee on Rheology officials

Ne zaman/When:

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