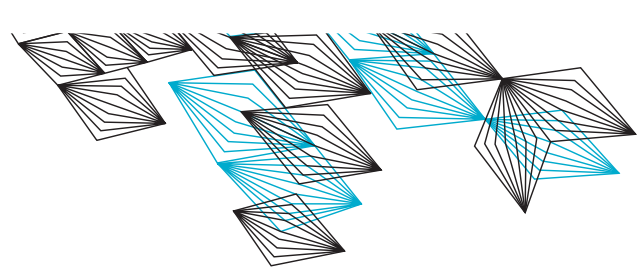


INAUGURATION PROF. ANTHONY R. THORNTON
1 JUNE 2023



INVITATION INAUGURAL LECTURE PROF. ANTHONY R. THORNTON THE PERFECT BLEND

The Rector Magnificus announces that Prof. Anthony R. Thornton, appointed in 2021 by the Executive Board of the University of Twente as Professor of Granular Materials at the Faculty of Engineering Technology, will give his inaugural lecture in Waaier 2, Waaier Building, on Thursday 1st June 2023 at 16:00 hrs to mark the occasion of his appointment.

The title of the inaugural lecture is:
THE PERFECT BLEND

The Rector Magnificus kindly invites you to attend this event. Before the inaugural lecture, coffee and tea are served in the foyer of the Waaier building. You may offer your congratulations after the lecture at the reception.

Registration and location

<https://www.utwente.nl/en/academic-ceremonies/>

[inaugurallecures/](#)

SYMPOSIUM

You are also cordially invited to a symposium preceding the inaugural lecture, on May 31st and 1st June. The symposium will focus on the twin themes of 'Open-source software' and 'Granular matter'. Full details of the symposium will be announced nearer the date. If you have questions or would like to participate please email the workshop organiser Dr. Thomas Weinhart: t.weinhart@utwente.nl.



UNIVERSITY OF TWENTE.

Workshop on Open Source Software and Granular Matter

Dates

May 31 - June 1, 2023

Location

University of Twente, Enschede

Schedule

May 31, 2023 (Ravelijn 2502)

Time	Speaker, Affiliation	Title of Presentation
12:40-13:10	Snacks	
13:10-14:10	Stefan Luding University of Twente	Particle simulations: From meso-scale contact models to continuum models
	Chris Johnson University of Manchester	The Gray-Thornton model comes of age: advances in modelling granular segregation
	Sahar Pourandi University of Twente	Industrial Particle Mixers
14:10-14:40	Coffee	
14:40-16:00	Timo Plath University of Twente	An introduction to MercuryDPM
	Mitchel Post University of Twente	Particle-fluid coupling in MercuryDPM
	Thomas Weinhart University of Twente	Surface and volume coupling in MercuryDPM
	Holger Götz FAU Erlangen-Nürnberg	Simulation of flexible membranes for granular systems
16:00-16:30	Coffee	
16:30-17:30	Igor Ostanin University of Twente	Rigid Clumps in MercuryDPM
	Bruno Chareyre Grenoble INP - 3SR Lab	Yade
	Ranisha Sitlapersad University of Twente	A new algorithm for fast MD simulations for (super)capacitors

June 1, 2023 (Room NH 115)

Session, Time	Speaker, Affiliation	Title of Presentation
10:00-10:30	Coffee	
10:30-11:30	Andrew Hazel University of Manchester	oomph-lib: an introduction and brief history
	Chris Diddens University of Twente	pyoomph – oomph-lib wrapped in Python: Simulations for inkjet printing processes
	Harm Askes University of Twente	Using penalty functions to impose constraints in a transient numerical environment
11:30-12:00	Coffee	
12:00-13:00	David Schneider Universität Stuttgart	preCICE – A General-Purpose Simulation Coupling Interface
	Felix Hoppe HSU Hamburg	Extending the node level, auto-tuning library AutoPas towards the Discrete Element Method
	Stephan Rave WWU Münster	pyMOR – Generic Algorithms and Interfaces for Model Order Reduction
13:00-13:45	Lunch	
13:45-14:45	Deepak Tunuguntla Saxion UAS	Open Source Science – Tips and Good Practices
	Swen van den Heuvel University of Twente	Modelling single particle behaviour with MercuryDPM
	Jan-Willem Bisshop MercuryLab	The MercuryCloud
End Workshop – Start Inauguration		
15:00-16:00	Coffee	
16:00-17:00	Anthony Thornton University of Twente	Inaugural Lecture (Waaier 2)