

## List of conference contributions

- **Invited Talk**, SFB seminar of the Collaborative Research Centre 1027, Saarland University (Jan 2015): *Collective cell migration in stressed epithelia*, invited by Karsten Kruse.
- **Invited Talk**, seminar of Lars Dietrich's group, Biological Sciences, Columbia University, NY, NY (Nov 2014): *Linking biochemistry to biomechanics*, invited by Lars Dietrich
- **Invited Talk**, Ben Gurion University, Sde Boqer, Israel (Oct 2014): *Collective cell migration in stressed epithelia*, invited by Arik Yochelis
- **Invited Talk**, Workshop on self-organization and complexity 2014 of the Institute of Theoretical Physics of the University of Münster, Mittelberg (Sep 2014): *Collective cell migration in stressed epithelia due to surrounding tissue or substrate wettability*, invited by Uwe Thiele and Oliver Kamps
- **Invited Talk**, mini-symposium on cell motility at the XXXIVth Dynamics Days Europe conference, University of Bayreuth (Sep 2014): *Different feedback, different dynamics*, invited by Falko Ziebert
- **Talk**, Condensed Matter in Paris (CMD25JMC14), University Paris Descartes (Aug 2014): *From wound healing to intelligent materials*
- **Invited Talk**, mini-symposium on coherent structures driven by Coulombic and other long range interactions at the SIAM Conference on Nonlinear Waves and Coherent Structures, University of Cambridge (August 2014): *Bifurcations in the Langmuir-Blodgett problem*, invited by Arik Yochelis and Nir Gavish
- **Invited Talk**, Condensed Matter and Biological Physics Seminar, Syracuse University (June 2014): *Models of bio- and biomimetic materials with vector or nematic order parameters*, invited by Cristina Marchetti
- **Invited Talk**, seminar of Mathis Plapp's group, Ecole Polytechnique (May 2014): *From wound healing to intelligent materials*, invited by Mathis Plapp
- **Talk**, IOP conference on The Physics of Soft and Biological Matter, Cambridge (Apr 2014): *Unveiling the Bifurcation Diagram of Pattern Formation during Surfactant Monolayer Transfer*
- **Invited Talk**, seminar of Uwe Thiele's group, University of Muenster (Mar 2014): *Tissues, wound healing, and artificial muscles*, invited by Uwe Thiele
- **Invited Talk**, BMS Intensive Course on Evolution Equations and their Applications, Technical University of Berlin (Nov 2013): *A continuum model of wound healing in epithelial tissues*, invited by Maciek Korzec
- **Talk**, Pattern Creation in Nature and Materials, Bayreuth (Oct 2013): *From wound healing to artificial muscles: Modeling bio- and biomimetic materials with polar and nematic order parameters*

- **Invited Talk**, Complex Media in Evolving Domains, University of Leeds, Leeds (Aug 2013): *A continuum model of epithelial spreading*, invited by Uwe Thiele and Peter Olmsted
- **Poster**, The Oxford Conference on Challenges in Applied Mathematics (OC-CAM), Oxford (July 2013): *Unconstrained spreading of tissue in wound healing*
- **Invited talk**, Mathematical Modeling and Analysis of Complex Fluids and Active Media in Evolving Domains, Cambridge (June 2013): *A continuum model of epithelial spreading*, invited by Karsten Kruse, Len Pismen, and Alexanderleshansky
- **Invited talk**, Multiscale Complex Fluid Flows and Interfacial Phenomena, Dresden (Oct 2012): *Pattern formation during monolayer transfer: Control and understanding*, invited by Uwe Thiele
- **Invited talk**, CeNoS colloquium, Münster (Oct 2012): *Chemo-mechanical instabilities in polarizable active layers*, invited by Rudolf Friedrich
- **Talk**, Fall Seminar on Nonlinear Dynamics, Bayreuth (Oct 2012): *A continuum model of epithelial spreading*
- **Invited talk**, Seminar of the Institut Jean le Rond d'Alembert, Paris (Oct 2012): *Chemo-mechanical instabilities in polarizable active layers*, invited by Basile Audoly
- **Invited talk**, Seminar of the Institut Curie, Paris (Sep 2012): *Chemo-mechanical instabilities in polarizable active layers*, invited by Pascal Silberzan
- **Invited talk**, BIRS Workshop: Tissue Growth and Morphogenesis: from Genetics to Mechanics and Back, Banff (July 2012): *Chemo-mechanical instabilities in polarizable active layers*, invited by James Feng
- **Talk**, Conference of the International Marangoni Association (IMA6), Haifa (June 2012): *Micro- and nanoscale pattern formation in LB transfer: Bifurcation analysis*
- **Talk**, Fall Seminar on Nonlinear Dynamics, Bayreuth (Oct 2011): *Controlled micro- and nanoscaled pattern formation at moving contact lines*
- **Talk**, BIFD 2011 - Bifurcations and Instabilities in Fluid Dynamics, Barcelona (July 2011): *Controlled pattern formation at moving contact lines of surfactant covered thin liquid films*
- **Invited talk**, Seminar of the group of Svetlana Santer, University of Potsdam (Feb 2011): *The mechanism of pattern formation in Langmuir-Blodgett transfer*, invited by Svetlana Santer
- **Talk**, TRR61 workshop, Tsinghua University, Beijing (Oct 2010): *A dynamical model of nanochannel lattice formation in Langmuir-Blodgett transfer systems*
- **Poster**, Xiangshan Science Conference, Beijing (Oct 2010): *Monolayer transfer: Pattern Formation and Phase Transitions at the Contact Line*

- **Poster**, Fall Seminar on Nonlinear Dynamics, Bayreuth (Oct 2010): *Monolayer transfer: Pattern formation & phase transitions at the contact line*
- **Invited talk**, Max-Planck-Institute for Colloids and Interfaces, Potsdam (Sep 2010): *A dynamical model of nanochannel lattice formation in Langmuir-Blodgett transfer systems*, invited by Hans Riegler
- **Poster**, MULTIFLOW Summer school “Bifurcations and instabilities in interfacial complex fluid flows”, El Escorial (June, July 2010): *Pattern formation during monolayer transfer: Phase transitions at the contact line*
- **Poster**, “Capillary Shaping of Solutes”, Lorentz Center Leiden (May 2010): *Monolayer transfer: Pattern formation & phase transitions at the contact line*
- **Invited talk**, joint seminar of the groups Thiele, Archer, and Starov, Loughborough University (March 2010): *Substrate-Mediated Condensation and Pattern Formation in Thin Liquid Films*, invited by Uwe Thiele
- **Poster**, Dynamics Days, Göttingen (Aug, Sep 2009): *Pattern Formation in Langmuir-Blodgett Transfer Systems* (Received a **poster award**)
- **Poster**, Fall Seminar on Nonlinear Dynamics, Bayreuth (Oct 2008): *Pattern Formation in Langmuir-Blodgett Transfer Systems*

Furthermore, I have presented three posters and three talks at the Spring Meetings 2008–2011 of the German Physical Society (DPG).