

ACADEMIC COMMUNICATION

- Website** Polaris(MD) main site ; biodev.cea.fr/polaris
- Invited Talk** T.B.D. *CECAM: Microscopic simulations - forecasting the next two decades*. 2019
- Invited Talk** The Future of Exploration: Charting a Path through Statistically Unique System Conformations. *University of Zürich*. 2019
- Poster** A Multi-Scale Polarizable Approach for Proteins with Polaris(MD). *BPS 2018*.
- Poster** A Multi-Scale Polarizable Approach for Proteins with Polaris(MD). *WATOC 2017*.
- Invited Talk** The Fast Multipole Method and Point Dipole Moment Polarizable Force Fields. *PASC 2017*.
- Talk** An Efficient, Polarizable, Multi-Scale Molecular Dynamics Approach to Simulating Microscopic Systems. *Computer Simulation and Theory of Macromolecules*. 2017
- Seminar** The Big Bang Model, The Expansion of the Universe, Dark Energy, and Dark Matter. *iBiTeC, CEA*. 2015.
- Poster** A Multi-Scale Polarizable Approach for Proteins with Polaris(MD). *CECAM: Intrinsically Disordered Proteins - Bringing together Physics, Computation and Biology*. 2015.
- Invited Talk** Molecular Dynamics for the 21st Century. *University of Zürich*. 2015.
- Talk** The Future of Molecular Dynamics at Exascale with Polaris(MD). *Exascale and Beyond, Teratec*. 2014.
- Talk** Towards Exascale in Molecular Dynamics: Simulating large biomolecular systems with the Fast Multipole Method in Polaris(MD). *EASC 2014*.
- Talk** A Shared Future for Molecular Dynamics & Astrophysics at Exascale? *AstroSim; Exascale In Astrophysics*. 2013.
- Seminar** Identifying Dark Matter Structure in Phase-Space. *ETHZ CSE Lab*. 2012
- Talk** Estimating a Star's Mass from Weak Microlensing. *Lensing Soiree, UZH*. 2010.
- Talk** Simple Simplex Sampling: Exploring the Solution Space of Degenerate Problems in High Dimensions. *Swiss Numerical Colloquium*. 2008.
- Seminar** Free-form Mass Reconstruction of Gravitational Lenses. *Anglo-Australian Observatory*. 2008.
- Talk** Lens Reconstruction: Issues for the Next Decade. *OZLens2008*.
- Talk** N-Body Simulations as Gravitational Lenses. *N-Body 2008*.
- Poster** Limits of Gravitational Lensing for Determining Mass Profiles of Galaxies and Clusters. *AstroSim; Frontiers in Computational Astrophysics: The Origin of Stars, Planets and Galaxies*. 2008.
- Talk** PixeLens: Lens Modeling Made Easy. *The Dark Matter workshop*. 2007.
- Talk** Using 10 time-delay lenses to infer the Hubble time. *Gravitational Lensing*. Lorentz Center, University of Leiden. 2006.
- Talk** Computing the Vertex Folkman Number $F_v(2, 2, 3; 4)$. *MCCCC*. 2004.