

## Mathematical models of the eye and vision

**Organizer(s):** Wojciech Okrasinski  
**Time:** Thursday 10:00-12:00  
**Location:** MH:B

### Talks

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10:00-10:20	Lukasz Plociniczak and Wojciech Okrasinski <i>New Mathematical Model of Corneal Topography</i>	(→ p. 63)
10:20-10:40	Alicja Wizert, Lukasz Cwiklik and D. Robert Iskander <i>Molecular Dynamics Simulations of Artificial Tear Film Lipid Layer</i>	(→ p. 77)
10:40-11:00	D. Robert Iskander <i>Parsimonious modelling of corneal surfaces</i>	(→ p. 47)
11:00-11:20	Andrei Martinez-Finkelshtein, Dario Ramos-Lopez, Gracia M. Castro-Luna and Jorge L. Alio <i>Adaptive Algorithm for Approximation on the Disk, with Applications in Ophthalmology</i>	(→ p. 56)
11:20-11:40	Richard Braun, Longfei Li, Quan Deng and Tobin Driscoll <i>Modeling Tear Film Dynamics</i>	(→ p. 30)
11:40-12:00	Alistair Fitt <i>Blockage of the TM and Schlemm Canal and the causes of POAG</i>	(→ p. 39)