

## Oral Contributions

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*Jeroen S.W. Lamb, Francesco Ricci, Tiago Pereira*
- OC.002 Accuracy of the non-relativistic approximation to relativistic momentum diffusion at low speed**  
*Boon Leong Lan*
- OC.003 Asymptotic reduction of exact solutions of shear flows**  
*Cédric Beaume, Gregory P. Chini, Keith Julien, Edgar Knobloch*
- OC.004 Exploring the Applications of Fractional Calculus: Anomalous Diffusion of Hierarchically-Built-Polymers**  
*Alexander Blumen*
- OC.005 Farey sequence and the largest Lyapunov exponent analysis in the ac driven Frenkel-Kontorova model**  
*Jasmina Tekić, Petar Mali, Jovan Odavić*
- OC.006 Influence of Hopf bifurcations on the external cavity modes for a laser subject to phase-conjugate feedback**  
*Lionel Weicker, Émeric Merciér, Chi-Hak Uy, Delphine Wolfersberger, Marc Sciamanna, Martin Virte, Thomas Erneux*
- OC.007 Auditory neural burst formation through spike synchronization in the cochlea**  
*Rolf Bader*
- OC.008 FrobeniusPerron eigenstates for asymmetric backscattering in deformed microdisk cavities**  
*Julius Kullig, Jan Wiersig*
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*Wolfgang Kinzel*
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*Stamatios C. Nicolis*
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*Jost Leonhardt Fischer*
- OC.016 **Studies on integrability using higher variational equations, and applications**  
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*Philipp Mueller, Holger Kantz*
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**OC.104 Control-based continuation of pedestrian flows**  
*Ilias Panagiotopoulos, Jens Starke, Wolfram Just*