



KAUS

Complex Analysis Without Seniors

Östanskär, Sweden, 2-3 May, 2024

Organizers: Álfheiður Edda Sigurðardóttir and Bergur Snorrason, University of Iceland.

Thursday, May 2

- Arrival Coffee with sandwich
- 17:40–18:00 Bergur Snorrason, *General Product Formulas*.
(pluripotential theory)
- 18:10–18:30 Álfheiður Edda Sigurðardóttir, *A Generalization of Runge's Theorem*.
(approximation in several variables)
- 18:40–19:00 Aron Persson, *Manifold-like Polyfolds as Objects in Complex Geometry*.
(complex geometry)
- 19:30 Dinner

Friday, May 3

- 10:00–10:20 Suproakash Hazra, *Schlichtness of the Envelope of Holomorphy for Truncated Tube Manifolds*. (complex geometry)
- 10:20–10:50 Swedish Fika
- 10:50–11:10 Andreas Granath, *The Complex Nature of Elasticity Theory*.
(applied complex analysis)
- 11:20–11:40 Gaofeng Huang, *Hamiltonian Carleman Approximation for the Calogero-Moser Space*. (holomorphic approximation)
- 12:00–13:00 Lunch
- 13:00–13:20 Mi Hu, *Improvement of Newton's Method*.
(complex dynamics)
- 13:30–13:50 Olof Rubin, *Illustrating Chebyshev Polynomials*.
(approximation in the complex plane)
- 14:00–14:20 Rahim Nkuzimana, *An Argument Principle for Holomorphic Matrices*.
(residue currents)

Participants

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History of KAUS

- 2005 Umeå
- 2006 Göteborg
- 2007 Sundsvall
- 2008 Stockholm
- 2009 Reykjavík
- 2010 Umeå
- 2011 Göteborg
- 2024 Östanskär

Sponsors



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Stiftelsen G.S. Magnusons fond