

**ESI JUNIOR RESEARCH FELLOW DAY  
OCTOBER 5, 2009**Erwin Schrödinger International Institute for Mathematical Physics  
Vienna, Austria

Starting September / October 1, 2009, the ESI hosts a new group of Junior Research Fellows. Thus, October 5, 2009, 3 p.m. - 6 p.m., the "ESI Junior Day" takes place at the ESI. It is an opportunity for the recently appointed Junior Research Fellows to meet one another and to present their current work and research interests to a general audience consisting of other members of the Institute or the local scientific community.

3 p.m. - 4:20 p.m. Short talks by Junior Research Fellows

ANASTASIA JIVULESCU (Universita degli Studi di Palermo)

The central spin model

JOSÉ ALISTE (Universidad de Chile, Santiago)

Rotation numbers in mathematical quasicrystals

CLAUDIO DAPPIAGGI (Universität Hamburg)

Algebraic Quantum Field Theory and Cosmological Spacetimes

SLAWOMIR DINEW (Jagiellonian University, Krakow)

The complex Monge-Ampere equation

4:20 p.m. Coffee break

5 p.m. - 6:40 p.m. Short talks by Junior Research Fellows

ANCA MATIOC (Leibniz Universität Hannover)

Analysis of a tumor growth model

ZYWOMIR DINEW (Jagiellonian University, Krakow)

The curvature of the Bergman metric

LUKASZ KOSINSKI (Jagiellonian University, Krakow)

tba

WOLFGANG MOENS (Universität Wien)

Lie algebras: Deformations and Representations

ERIC MORFA-MORALES (Universität Wien)

Deformations of quantum fields on curved space-time

All lectures take place in the ESI Schrödinger Lecture Hall.  
Reception in the ESI Common Room

Joachim Schwermer

Jakob Yngvason  
Scientific Directors