

Center for Mathematics at Notre Dame

PROGRAM ON QUANTIZATION

UNDERGRADUATE SUMMER SCHOOL

May 23–28, 2011

Introduction to quantization and mathematical physics. Lecturers: **Peter Miller** (University of Michigan) and **Will Kirwin** (Instituto Superior Técnico, Lisbon, Portugal). Discussion session leader: **Arlo Caine** (University of Notre Dame). This program will introduce students to the concepts of quantum mechanics and expose them to some of the more advanced aspects of the subject. No prior exposure to quantization is required, but a solid background in linear algebra, differential equations and real analysis is expected. The program will consist of daily lectures by Miller and Kirwin along with discussion sessions led by Caine in which the theory is worked out in examples.

Successful applicants will have room and board provided and reasonable travel expenses covered. To register or request support, visit <http://www.nd.edu/~cmnd/>

May 31–June 4, 2011

SUMMER SCHOOL IN QUANTIZATION

This summer school will be targeted at graduate students and recent PhDs. Featured speakers will include **Pavel Etingof** (MIT), **Vladimir Fock** (ITEP, Moscow), **Rinat Kedem** (UIUC), and **Eckhard Meinrenken** (University of Toronto).

Participants may apply for local expenses and transportation costs within North America. Young mathematicians are especially encouraged to apply for support. To register or request support, visit <http://www.nd.edu/~cmnd/>

CONFERENCE ON MATHEMATICAL ASPECTS OF QUANTIZATION

June 6–10, 2011

Scientific Committee: Michael Gekhtman (University of Notre Dame), Brian Hall (University of Notre Dame), Bertram Kostant (MIT), Peter Miller (University of Michigan), and Alejandro Uribe (University of Michigan).

Invited speakers:

- Anton Alekseev (University of Geneva)*
- Yuri Berest (Cornell University)
- Vladimir Fock (ITEP, Moscow)
- Tatyana Foth (University of Western Ontario)
- Victor Ginzburg (University of Chicago)*
- Mark Hamilton (Mount Allison University)
- Rinat Kedem (University of Illinois, Urbana-Champaign)
- Will Kirwin (Instituto Superior Técnico, Lisbon)
- Bertram Kostant (MIT)
- Hui Li (University of Regina)
- Todor Milanov (University of Michigan)*
- S.G. Rajeev (University of Rochester)
- Travis Schedler (MIT)*
- Martin Schlichenmaier (University of Luxembourg)
- Hsian-Hua Tseng (Ohio State University)
- Alejandro Uribe (University of Michigan)
- Ping Xu (Pennsylvania State University)

*to be confirmed

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Center for Mathematics

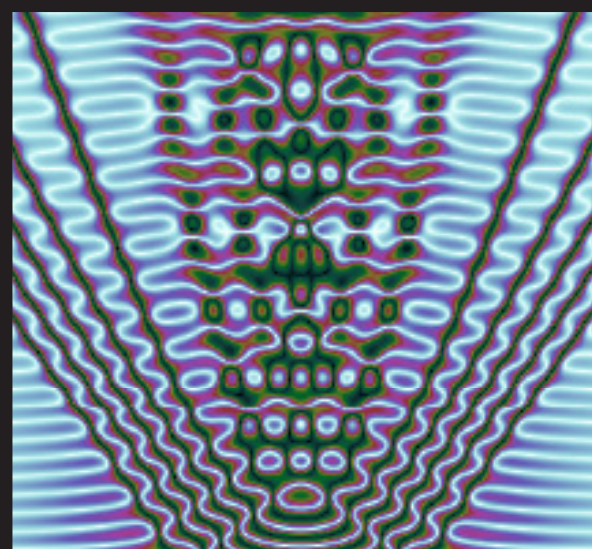


image courtesy of Peter Miller

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