

## Second International Workshop

### *Superintegrable Systems in Classical and Quantum Mechanics*

Dubna, Russia, June 27 - July 1, 2005

#### Confirmed Participants

1. Cestmir Burdik ([burdik@theor.jinr.ru](mailto:burdik@theor.jinr.ru) *Technical University, Prague, Czech Republic*),  
**Title:** Calogero Matrix Model
2. Cergei Chumakov ([sergei@cencar.udg.mx](mailto:sergei@cencar.udg.mx), *Dep. Math. Guadalajara University, Guadalajara, Mexico*), **Title:** Exactly solvable models in Quantum Optics.
3. Costas Daskaloyannis ([daskalo@math.auth.gr](mailto:daskalo@math.auth.gr) *Aristotle University of Thessaloniki, Greece*), **Title:** Jacobi metrics and classification of classical quadratic superintegrable systems
4. Vladimir Dorodnitsyn ([dorod@spp.keldysh.ru](mailto:dorod@spp.keldysh.ru), *Keldysh Inst. of Applied Math., Russia*), **Title:** TBA
5. Christian Grosche ([Christian.Grosche@desy.de](mailto:Christian.Grosche@desy.de), *DESY, Hamburg, Germany*), **Title:** Path Integral Approach to Spaces with Non-constant Curvature.
6. Andrzej Gozdg ([Andrzej.Gozdz@umcs.lublin.pl](mailto:Andrzej.Gozdz@umcs.lublin.pl), *University of M. Curie-Sklodowska, Lublin, Poland*), **Title:** Time operator and quantum projection evolution.
7. Evgeny Ivanov ([eivanov@theor.jinr.ru](mailto:eivanov@theor.jinr.ru), *BLTP JINR, Dubna, Russia*),  
**Title:** TBA
8. Ernie Kalnins ([math0236@waikato.ac.nz](mailto:math0236@waikato.ac.nz), *University of Hamilton, New Zealand*), **Title:** Multiseparability and superintegrability.
9. Nikolay Kostov ([nakostov@gmail.com](mailto:nakostov@gmail.com), *Institute of Electronics, Bulgarian Academy of Sciences, Bulgaria*), **Title:** Nonlinear waves and completely integrable systems.

10. Jonathan Kress ([j.kress@unsw.edu.au](mailto:j.kress@unsw.edu.au), *University of New South Wales, Sydney, Australia*), **Title:** Quadratic algebras and 3D superintegrable systems.
11. Levon Mardoyan ([mardoyan@ysu.am](mailto:mardoyan@ysu.am), *ICAS, Yerevan, Armenia*), **Title:** TBA
12. Nugzar Makhaldiani ([mnv@jinr.ru](mailto:mnv@jinr.ru), *JINR, Dubna*), **Title:** Nambu - Poisson dynamics of superintegrable systems.
13. Willard Miller Jr. ([miller@ima.umn.edu](mailto:miller@ima.umn.edu), *University of Minnesota, Minneapolis, USA*), **Title:** Second order superintegrable systems in 3D and the Stäckel transform.
14. Robert Milson ([rmilson@dal.ca](mailto:rmilson@dal.ca), *Dalhousie University, Halifax, Canada*), **Title:** Superintegrability in hyperbolic 3-space.
15. Manuel Ranaia ([mfran@unizar.es](mailto:mfran@unizar.es), *Universidad de Zaragoza, Zaragoza, Spain*), **Title:** Three examples of two-dimensional oscillators: Non-linearity and curvature.
16. Stefan Rauch-Wojciechowski ([strau@mai.liu.se](mailto:strau@mai.liu.se), *Department of Mathematics, Linköping University, Linköping, Sweden*), **Title:** Superintegrable triangular systems.
17. George Pogosyan (*Guadalajara, Mexico & JINR, Dubna & Yerevan, Armenia*), **Title:** Quasi-Exactly solvability and superintegrability.
18. Michael Sheftel ([mikhail.sheftel@boun.edu.tr](mailto:mikhail.sheftel@boun.edu.tr), *Bogazici University, Istanbul, Turkey*), **Title:** Second Heavenly Equation of Plebanskii is an Integrable Hamiltonian System in Four Dimensions.
19. Roman Smirnov ([Roman.Smirnov@dal.ca](mailto:Roman.Smirnov@dal.ca), *Dalhousie University, Halifax, Canada*), **Title:** Superintegrability of the Calogero-Moser model and invariant theory.
20. Alina Suzko ([suzko@jinr.ru](mailto:suzko@jinr.ru), *JINR, Dubna*), **Title:** Darboux transformations for the matrix Schrödinger equation.
21. Piergiulio Tempesta ([tempesta@fm.sissa.it](mailto:tempesta@fm.sissa.it), *SISSA, Italy*), **Title:** TBA

22. Yoshio Uwano ([uwano@fun.ac.jp](mailto:uwano@fun.ac.jp), *Future University-Hakodate, Hakodate, Japan*), **Title:** Some integrable systems around quantum search algorithms.
23. Vadim Varlamov ([root@varlamov.kemerovo.su](mailto:root@varlamov.kemerovo.su), *Siberia State University of Industry, Novokuznetsk, Russia*), **Title:** Separation of Variables in RWE and Harmonic Analysis on the Poincare Group.
24. Sergei Vinitzky (*JINR, Dubna*), **Title:** TBA
25. Sergey Volkov ([svvolkov@mail.sci.pfu.edu.ru](mailto:svvolkov@mail.sci.pfu.edu.ru) *Russian Peoples' Friendship University, Moscow, Russia*), **Title:** Inverse problems for integrable systems with required topologica.
26. Yurii Vorobiev ([yurimv@guaymas.uson.mx](mailto:yurimv@guaymas.uson.mx), *University of Sonora, Hermosillo, Mexico*), **Title:** Integrals of Motion of Euler Systems over Symplectic Surfaces.
27. Pavel Winternitz ([wintern@crm.umontreal.ca](mailto:wintern@crm.umontreal.ca) *Montreal University, Montreal, Canada*), **Title:** Integrability and superintegrability with magnetic fields.
28. Kurt Bernardo Wolf ([bwolf@fis.unam.mx](mailto:bwolf@fis.unam.mx), *CCF-UNAM, Cuernavaca, Mexico*), **Title:** What should we expect of a fractional finite Fourier transform?
29. Viktor Zinchuk ([zinchuk@freemail.ru](mailto:zinchuk@freemail.ru), *JINR, Dubna*), **Title:** The Bogoliubov integrals of motion in quantum cosmology and gravity.