OPERATOR THEORY SYMPOSIUM

University of Vaasa, May 30-31, 2003

The symposium is organized at the Department of Mathematics and Statistics and sponsored by the Research Institute for Technology at the University of Vaasa.

FRIDAY 30.5.2003 (C203 Kurten)

09:15-09:25 Opening: Ilkka Virtanen (Dean of the Faculty of Technology)
09:25-10:10 Heinz Langer (Vienna): *Some spectral properties of block operator matrices*
10:15-11:00 Franciszek H. Szafraniec (Krakow): *Subnormality of an operator from bounded vectors of its adjoint*
Coffee/Tea
11:25-12:10 Peter Jonas (Berlin): *On locally definitizable matrix functions and λ-dependent boundary value problems*
12:15-12:45 Annemarie Luger (Vienna): *A minimal model for a generalized Nevanlinna function related to its factorization*
Lunch
14:15-15:00 Mark Malamud (Donetsk): *The spectral theory of operator measures in Hilbert spaces*
15:05-15:35 Vadim Mogilevskii (Lugansk): *Dual pairs of non-selfadjoint differential and difference operators*
Coffee/Tea
16:00-16:30 Olof Staffans (Åbo): *The balanced passive realization of a Schur function*
16:35-17:05 Matti Laaksonen (Vaasa): *Discrete wavelet transform; extracting cyclic components of economic time series*
17:10-17:40 Leonid Oridoroga (Donetsk): *A representation of a selfadjoint matrix as a sum of orthoprojections*

SATURDAY 31.5.2003 (C203 Kurten)

09:15-10:00 Jean-Philippe Labrousse (Nice): *An extension of the von Neuman theory to a large class of linear relations*
10:05-10:50 Zoltan Sebestyen (Budapest): *Representing forms on Hilbert space*
Coffee/Tea
11:15-12:00 Yury Arlinskii (Lugansk): *Realizations of H_{-2}-perturbations of a selfadjoint operator*
12:05-12:50 Pavel Kurasov (Lund): *On field theory methods in singular perturbation theory*
12:55-13:40 Henk de Snoo (Groningen): *Spectral functions for singular Sturm-Liouville operators with the eigenvalue parameter appearing rationally*

16:30 Boat trip from the campus seaside (about 1 hour)
18:00 Departure from campus to Raippaluoto and dinner at 19:00 (Kalle's Inn)

Chair: Henk de Snoo: Friday 9:15-12:45
Yury Arlinskii: Friday 14:15-17:40
F.H. Szafraniec: Saturday 9:15-10:50
Mark Malamud: Saturday 11:15-13:40