Dear friends and colleagues,

today I send you the programme of our conference

“25 years of Schur analysis in Leipzig”

The conference will be held in the Mathematical Institute of Leipzig University, Johannisgasse 26 in the Felix-Klein-Hörsaal.

**September 29**

10.00 B. Kirstein  
25 years of Schur analysis in Leipzig

11.00 V.E. Katsnelson  
On Issai Schur’s contributions to analysis

12.00 Lunch

14.00 H. Bart  
Analytic operator functions as Schur complements

14.30 W. Schempp  
From Norbert Wiener to Paul Lévy and Felix Bloch: Diffusion Tensor Imaging

15.00 A.E. Choque Rivero  
The admissible control problem as a Hausdorff moment problem

15.30 Coffee break

16.00 A. Lasarow  
On canonical solutions of the truncated trigonometric matrix moment problem

16.30 U. Raabe  
On an interpolation problem for J-Potapov functions

17.00 C. Mädler  
On matrix versions of power moment problems

**September 30**

9.00 V.K. Dubovoj  
On the Schur parameters of rational Schur functions

10.00 Coffee break

10.30 M.A. Kaashoek  
Relaxed interpolation problems and the unit ball of an H²-space of operator-valued functions

11.30 D. Alpay  
...  

12.30 Lunch

14.00 O. Staffans  
A Krein space coordinate free version of the de Branges complementary space with applications to realization theory for state/signal systems

15.00 A.L. Sakhnovich  
Explicit solutions of inverse problems and semiseparable operators

15.30 Coffee break
16.00  A.Ya. Kheifets
Orthogonal functions and Schur parameters – Spectral and scattering problems

16.30  V. Vinnikov
...

17.00  M. Tyaglov
The continued fractions of Stieltjes type and the distribution of zeros of real polynomials

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9.00  A. Dijksma
Quadratic (weakly) hyperbolic matrix polynomials: Direct and inverse spectral problems

10.00  D.Z. Arov
Bitangential generalization of continuous analogs of Schur and Carathéodory problems and their applications to bitangential inverse problems for canonical systems

11.00  S.V. Khrushchev
Periodic Schur functions and slit disks

12.00  B. Kirstein
Final remarks

I am glad to meet you in Leipzig soon.

Best regards

Bernd Kirstein