$$MIROSLAV \begin{bmatrix} F & L \\ I & E \\ E & R' \\ D & S \end{bmatrix} = 80^{th} \begin{bmatrix} BI & RT \\ HD & AY \end{bmatrix}$$

A one-day meeting on this very special occasion

PROGRAM

8.45 – 9.00 *Opening:* **Antonín Sochor** (director MI AS CR), **Jiří Wiedermann** (director ICS AS CR)

Chairman: **A. Sochor, J. Wiedermann**

9.00 – 9.30 **Thomas Markham:** *Some Reminiscences on the Occasion of Professor Miroslav Fiedler's Eightieth Birthday*

9.30 – 10.00 **Michal Křížek:** *Partitions into Nonobtuse Simplices*

10.00 – 10.30 **Lawrence Somer:** *On Semiregular Digraphs of the Congruence $x^k \equiv y \ (mod \ n)$*

10.30 – 11.00 *Coffee Break*

Chairman: **M. Fiedler**

11.00 – 11.30 **Frank Hall:** *Polynomial Extension of Rational Realization of Minimum Rank Matrices in a Sign Pattern Class*

11.30 – 12.00 **Emilio Spedicato:** *ABS Methods for Linear Diophantine Problems*

12.00 – 12.30 **Jaroslav Zemánek:** *Gerschgorin Discs and the Numerical Range*

12.30 – 14.00 *Lunch Break*

Chairman: **T. Markham**

14.00 – 14.30 **Pál Rózsa:** *An Explicit Formula for the Singular Values of the Sylvester-Kac Matrix*

14.30 – 15.00 **Gabriel Okša:** *Loss and Recapture of Correlation between Two Arnoldi Bases of the Krylov Subspace*

15.00 – 15.30 *Coffee Break*

Chairman: **F. Hall**

15.30 – 16.00 **Pavel Praks:** *Linear Algebra for Monitoring of Industrial Processes in Heavy Industry*

16.00 – 16.30 **Miroslav Rozložník:** *Numerical Stability of Iterative Methods*

18.00 – 21.30 *Reception at Villa Lanna*