

MSC25. Solving matrix and tensor equations.

Organizers: Qingwen Wang, Yang Zhang, Dragana Cvetkovic Ilic.

THURSDAY, 17:00-17:30: **AULA 11**. Galois

group actions and rational solutions of $p(X) = A$. Gerrit Goosen.

THURSDAY, 17:30-18:00: **AULA 11**.

Automated proofs of operator statements. Clemens Hofstadler.

THURSDAY, 18:00-18:30: **AULA 11**. Trace Minimization Principles. Ren-Cang Li.

FRIDAY, 11:10-11:40: **AULA 6**. Completion of operator matrices with

application to solving operator equations. Dragana Cvetkovic-Ilic.

FRIDAY, 11:40-12:10: **AULA 6**. The η -(anti-)Hermitain

solution to a constrained Sylvester-type matrix equation

over the generalized commutative quaternions. Qing-Wen Wang.

FRIDAY, 12:10-12:40: **AULA 6**. Singular value

decomposition of commutative quaternion tensors. Yang Zhang.

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