

## Session B1 (Room B)

**Monday 24**  
**10h40-12h45**

Chairman: Y. Notay

10h40-11h05	<b>E. Di Napoli</b> <i>Preconditioning Chebychev subspace iteration applied to sequences of dense eigenproblems in ab initio simulations</i>
11h05-11h30	<b>S. Dolgov</b> <i>Fast adaptive alternating linear schemes in higher dimensions. Part 1: linear systems</i>
11h30-11h55	<b>D. Savostyanov</b> <i>Fast adaptive alternating linear schemes in higher dimensions. Part 2: eigenvalue problems</i>
11h55-12h20	<b>J. Barlow</b> <i>Projection methods for regularized total least squares approximation</i>
12h20-12h45	<b>E. Carson</b> <i>Efficient deflation for communication avoiding Krylov methods</i>