

**TEMPLE UNIVERSITY**  
Department of Mathematics

# **Applied Mathematics and Scientific Computing Seminar**

Wednesday, 17 October 2012, 4:00 p.m.  
Room 617 Wachman Hall

(refreshments and social at 3:45 p.m)

**Optimization on Riemannian manifolds for solving  
rank-structured matrix and tensor problems**

by Bart Vandereycken  
Princeton University