

*Timetable of Workshop on Partial Differential Equations and Eigenvalue Problems,
July 11-12, 2016, IPM-Isfahan, Isfahan*

July 11, 2016

8 – 9	<i>Registration</i>	
9 – 10	<i>Heinrich Voss</i>	<i>Nonlinear eigenvalue problem, general theory, results and methods</i>
10 – 10:30	<i>Break</i>	
10:30 – 11:30	<i>Pedro Antunes</i>	<i>Numerical solution of (linear) eigenvalue problems</i>
11:30 – 12	<i>Group Photograph</i>	
12 – 14	<i>Lunch</i>	
14 – 15	<i>Heinrich Voss</i>	<i>Variational principles for nonlinear eigenvalue problem</i>
15 – 15:30	<i>Break</i>	
15:30 – 16:30	<i>Pedro Antunes</i>	<i>Shape optimization involving Laplacian and Bilaplacian eigenvalues</i>
16:30 – 17:30	<i>Hayk Mikayelyan</i>	<i>Regularity of Mumford-Shah minimizers at the crack-tip (1)</i>

July 12, 2016

8:30 – 9:30	<i>Heinrich Voss</i>	<i>On a non-symmetric eigenvalue problem governing structural-acoustic vibrations</i>
9:30 – 10	<i>Break</i>	
10 – 11	<i>Hayk Mikayelyan</i>	<i>Regularity of Mumford-Shah minimizers at the crack-tip (2)</i>
11 – 12	<i>Pedro Antunes</i>	<i>Maximal and minimal localization of Laplacian eigenfunctions in a given subdomain</i>
11:30 – 14	<i>Lunch</i>	
14 – 15	<i>Heinrich Voss</i>	<i>Numerical simulation of electronic properties of quantum dots</i>
15 – 15:30	<i>Break</i>	
15:30 – 16:30	<i>Pedro Antunes</i>	<i>Is it possible to tune a drum?</i>