Day 1, Monday 16, 2019, 25th Inverse Days, Jyväskylä

10:00 – 10:45   *Registration (1st floor lobby)*

10:45 – 11:05   *Conference opening (Wivi)*

Wivi	
11:05 11:20	**Samuli Siltanen** Special talk: *25 years of Inverse Days*
11:20 12:00	**Maarten V. de Hoop** Keynote talk: *Spectral inverse problems for terrestrial planets*

12:00 – 13:00   *Lunch (restaurant)*

12:00 – 13:30   *Board meeting & poster preparation (cabinet & 2nd floor lobby)*

	Wivi	Alvar
13:30 13:55	**Teemu Tyni** *Numerical results on Saito's uniqueness theorem for inverse scattering*	**Remo Kretschmann** *Generalised modes in Bayesian inverse problems*
13:55 14:20	**Meghdoot Mozumder** *Truncated Fourier series based time-domain diffuse optical tomography*	**Tapio Helin** *Hyperparameter estimation in Bayesian inverse problems: consistency of MAPs*
14:20 14:45	**Mikael Laaksonen** *Deterministic approximation of inverse boundary spectral problems via stochastic collocation*	**Jonatan Lehtonen** *Estimating hyperparameters of a hierarchical model using Bayesian filtering*

14:45 – 15:15   *Coffee (restaurant)*

Wivi	
15:15 15:40	**Tatiana Bubba** Plenary talk: *Learning the Invisible: Limited Angle Tomography, Shearlets and Deep Learning*
15:40 16:05	**Sara Sommariva** Plenary talk: *Optimal regularization technique for the estimation of the cross-power spectrum in underdetermined, dynamical inverse problems.*
16:10 17:00	**Poster authors** Short talks

17:00 – 17:30   *Poster session (2nd floor lobby)*

17:30 – 19:00   *Icebreaker (2nd floor lobby)*