



## Programme

46<sup>th</sup> Winter Conference in Statistics  
March 10-14, 2019, Hemavan

<b>Breakfast: 07.30-09.00    Lunch: 12.00-13.00</b>		
<b>Coffee/ tea: Monday 14.45, Tuesday-Wednesday 15.45</b> <i>Location: Lounge bar</i>		
<b>Sunday, March 10</b>		
<b>Dinner</b>	18.15 – 19.30	
<b>Welcome reception</b> <i>Location: Lounge bar</i>	20.00	
<b>Monday, March 11</b> <i>Location: Conference hall Tärnarummet</i>		
Edward Kennedy	08.15-09.00	Introduction to causal inference
Edward Kennedy	09.15-10.00	Optimality & efficiency bounds
<i>Winter games</i>	15.15-16.30	
Corinna Cortes	17.15-18.00	AdaNet: adaptive learning of neural networks
<b>Dinner</b>	<b>18.15-19.30</b>	
Poster session <i>Location: Conference hall</i>	20.00-22.00	Fekadu L. Bayisa Henrik Olsson Ilias Thomas Johan Trygg Klara Leffler Minna Genbäck Murshid Saqlain Nana Li Niklas Fries Patrik Ryden Per Sidén Peter Ström Thorgerdur Palsdottir



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<b>Tuesday, March 12</b>		
Mattias Villani	08.15-09.00	Introduction to Bayesian Inference
Edward Kennedy	09.15-10.00	Efficient estimation of causal effects with ML tools
Corinna Cortes	16.15-17.00	AdaNet: adaptive learning of neural networks
<i>Contributed speaker:</i> Tetiana Gorbach	17.15-17.45	Bayesian analysis of functional brain connectivity
<i>Contributed speaker:</i> Natalya Pya Arnqvist	17.45-18.15	A statistical learning approach for defect detection and classification on specular car body surfaces
<b>Conference Dinner</b>	<b>19.00</b>	
<b>Wednesday, March 13</b>		
Mattias Villani	08.15-09.00	Gaussian Process Regression and Classification
Mattias Villani	09.15-10.00	Bayesian Optimization
Edward Kennedy	16.15-17.00	Examples in health & public policy
<i>Contributed speaker:</i> Krzysztof Podgorski	17.15-18.00	Machine learning methods for data driven orthonormal basis selection for functional data analysis
<b>Dinner</b>	<b>18.15-19.30</b>	



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<b>Thursday, March 14</b>		
Mattias Villani	08.15-09.00	Topic Models for Textual Data
<i>Contributed speaker: Lili Jiang</i>	09.15-09.45	Privacy-aware Data Federation for Heterogeneous Data Retrieval and Analytics
<i>Contributed speaker: Peter Ström</i>	09.45-10.15	Artificial Intelligence Assisted Pathology of Prostate Biopsies with Deep Neural Networks
Closing	10.15-10.30	
<b>Lunch</b>	11.00	
<b>Departure by bus</b>	12.15	