

# First MSR-MLG Joint Meeting

Microsoft Research Cambridge, 21 Station Rd, Cambridge CB1 2FB

February 11, 2014 (videos available for [blue titles](#))

---

09:00-09:25 **Coffee, Registration and Opening Remarks**

09:30-09:50 Andrew Fitzgibbon  
*Some block-structured optimization problems in computer vision*

09:50-10:10 John Winn  
*Probabilistic Programming*

10:10-10:30 Danny Tarlow  
*Machine learning for source code*

10:30-10:50 Andy Gordon  
*Tabular: A Schema-Driven Probabilistic Programming Language*

11:00-11:30 **Coffee Break**

11:30-11:50 Zoubin Ghahramani  
*Building an Automatic Statistician*

11:50-12:10 James Lloyd  
*Automatic construction and natural language description of nonparametric regression models*

12:10-12:30 David Lopez-Paz  
*Random Functions for Dependence and Component Analysis*

12:30-12:50 Carl Rasmussen  
*Learning to Control*

13:00-14:00 **Lunch Break**

14:00-14:20 Jamie Shotton  
*Decision Jungles*

14:20-14:40 Sebastian Nowozin  
*Discriminative Models for Denoising, Deblurring, and Demosaicing*

14:40-15:00 Pushmeet Kohli  
*Learning to make multiple predictions*

15:00-15:20 Thore Graepel  
*The Human Manifold: On the Predictability of Human Online Behaviour and its Consequences*

15:30-16:00 **Coffee Break**

16:00-16:20 José Miguel Hernández-Lobato  
*Gaussian Process Conditional Copulas with Applications to Financial Time Series*

16:20-16:40 Yutian Chen  
*Training Auto-Encoders with Deep Gaussian Processes*

16:40-17:00 Matthew Hofmann  
*Bayesian Approaches for Black Box Optimization*

17:00-17:20 Christian Steinruecken  
*Compositional Bayesian compression architecture*

17:20-17:40 Rich Turner  
*Unifying signal processing and probabilistic inference for audio data analysis*

---