

## Geometry and Learning from Data in 3D and Beyond

### Thursday March 21, 2019

3:30–4:30 **Pablo Suarez-Serrato** (National Autonomous University of Mexico (UNAM))  
*GL2019 Seminar Talk: Taming the homotopy of networked data*

### Thursday March 28, 2019

3:30–4:00 **Katarina Tothova** (ETH Zürich)  
*GL2019 Seminar Talk: Uncertainty estimation in 3D shape reconstruction*

4:00–4:30 **Scott James** (Baylor University)  
*GL2019 Seminar Talk: A machine learning framework to forecast wave conditions*

### Thursday April 11, 2019

3:30–4:30 **Minh Ha Quang** (RIKEN)  
*A geometrical framework for covariance matrices and covariance operators in machine learning and applications*

### Thursday April 25, 2019

3:30–4:00 **Anton Mallasto** (University of Copenhagen)  
*GL2019 Seminar Talk:  $(q,p)$ -Wasserstein GANs*

4:00–4:30 **Ilke Demir (GL)** (DeepScale)  
*On Expressive Shape Representations from Generative Models to 3D Deep Learning*

### Thursday May 9, 2019

3:30–4:00 **Hei-Long Chan** (The Chinese University of Hong Kong)  
*GL2019 Seminar Talk: Geometric Surface Analysis for Medical Imaging*

4:00–4:30 **Nir Sochen** (Tel Aviv University)  
*Stochastic Calculus and Geometry in Diffusion MRI*



## Thursday May 16, 2019

3:30–4:00 **Sumukh Bansal** (Dhirubhai Ambani Institute of Information and Communication Technology)  
*GL2019 Seminar Talk: Lie Body Based Shape Analysis*

4:00–4:30 **Kai Sandfort** (Karlsruher Institut für Technologie)  
*Graph-Based Compression of Dynamic 3D Point Cloud Sequences*

## Thursday May 30, 2019

3:30–4:00  
TBA

## Thursday June 6, 2019

3:30–4:00  
TBA