3DOR 2015 TENTATIVE PROGRAMME

Day 1 (May 2, 2015)

09.00 - 09.15 Opening

09.15 - 10.15 Keynote 1: Linking Image and Shape Collections, by Niloy MITRA (UCL, UK)

10.15 - 10.45 Coffee break

10.45 - 12.15 Paper Session I

- Automatic 3D Object Fracturing for Evaluation of Partial Retrieval and Object Restoration Tasks - Benchmark and Application to 3D Cultural Heritage Data
  R. Gregor, D. Bauer, I. Sipiran, P. Perakis and T. Schreck

- Randomized Sub-Volume Partitioning for Part-Based 3D Model Retrieval
  T. Furuya, S. Kurabe, and R. Ohbuchi

- Partial 3D Object Retrieval combining Local Shape Descriptors with Global Fisher Vectors
  M. Savelonas, I. Pratikakis and K. Sfikas

12.15 - 13.00 Poster Fast Forward

- ThOR: Three-dimensional Object Retrieval Library
  Pedro B. Pascoal and Alfredo Ferreira

- Towards Scientific Benchmarks: On Increasing the Credibility of Benchmarks
  Odd Erik Gundersen

- Bag of Compact HKS-based Feature Descriptors
  H. ElNaghy and S. Hamad

- Computing Local Binary Patterns on Mesh Manifolds for 3D Texture Retrieval
  Naoufel Werghi, Claudio Tortorici, Stefano Berretti and Alberto Del Bimbo

- RETRIEVAL3D: An On-line Content-Based Retrieval Performance Evaluation Tool
  A. Koutsoudis, G. Ioannakis, I. Pratikakis and Ch. Chamzas

13.00 - 14.30 Lunch

14.30 - 16.00 Paper Session II

- Accelerating the computation of canonical forms for 3D nonrigid objects using Multidimensional Scaling
  G. Shamai, M. Zibulevsky and R. Kimmel

- Sketch-based 3D Object Retrieval Using Two Views and a Visual Part Alignment Matching Method
  Z. Yasseen, A. Verroust-Blondet and A. Nasri
o 3D Object Retrieval with Parametric Templates
   Roman Getto and Dieter W. Fellner

16.00 - 17.00 **Coffee break with poster discussion**

17.00 - 18.00 **SHREC Session I**

   **Track 1: Canonical Forms for Non-Rigid 3D Shape Retrieval**
   D. Pickup, X. Sun, P.L. Rosin, R.R. Martin, Z. Cheng, S. Nie, L. Jin

   **Track 2: Non-rigid 3D Shape Retrieval**

   **Track 3: Scalability of 3D Shape Retrieval**

20.00 Social Dinner
Day 2 (May 3, 2015)

09.00 - 10.00 **Keynote 2**: XML3D: Declarative and Semantic 3D Scenes Descriptions as Part of HTML5 and Within a Web-based Service Infrastructure by Philipp SLUSALLEK (DFKI, Germany)

10:00 – 11:20 **SHREC Session II**

**Track 4: 3D Object Retrieval with Multimodal Views**

**Track 5: Non Rigid Textured Shape Retrieval**
A. Giachetti, F. Farina, F. Fornasa, A. Tatsuma, C. Sanada, M. Aono, S. Biasotti, A. Cerri, S. Choi

**Track 6: Retrieval of Objects Captured using the Kinect**
P.B. Pascoal, P. Proença, F. Gaspar, M. Sales Dias, F. Teixeira, A. Ferreira, V. Seib, N. Link, Dietrich, A. Tatsuma, M. Aono

**Track 7: 3D Retrieval Track of Range Scans**

11:20 – 11:50 Coffee Break

11.50 - 13.50 **Paper Session III**

- Morphological analysis of 3D faces for weight gain assessment
  D.Giorgi, M. A. Pascali, G. Raccichini, S. Colantonio and O. Salvetti

- A Spatio-Temporal Descriptor for Dynamic 3D Facial Expression Retrieval and Recognition
  Danelakis, T. Theoharis and I. Pratikakis

- 3D GrabCut: Interactive Foreground Extraction for Reconstructed 3D Scenes
  Gregory P. Meyer and Minh N. Do

- Indoor Location Retrieval using Shape Matching of KinectFusion Scans to Large-Scale Indoor Point Clouds
  A. Al-Nuaimi, M. Piccolrovazzi, S. Gedikli, E. Steinbach and G. Schroth

13.50 - 15.00 Lunch

15.00 - 16.20 **EU Project Presentations**

- **PRESIOUS** – Predictive digitization, restoration and degradation assessment

- **SEMEOTICONS** - SEMEiotic Oriented Technology for Individual’s CardiOmetabolic risk self-assessmeNt and Self-monitoring (http://www.semeoticons.eu/)

- Change detection in the domain of geospatial data modelling: case studies in the IQmulus project (http://iqmulus.eu/)
  A. Cerri, S. Biasotti, D. Sobrero, S. Pittaluga, G. Patanè, M. Spagnuolo

- Virtual Visualization Services in VISIONAIR: searching and retrieving resources linked to visual shapes (http://www.infra-visionair.eu/)
  F. Giannini, M. Attene, M. Monti, A. Cerri, S. Biasotti, B. Falcidieno, M. Spagnuolo

16.20 - 16.50 Coffee break with EU project Posters/Demos + Networking

16.50 - 17.20 Academic-Industrial Round Table Discussion

17.20 - 17.30 3DOR 2016 planning + workshop closing