

## Microsoft Research PhD Summer School 2012

### Poster Session Wednesday, 4<sup>th</sup> July

Student Name	Affiliation	Poster Title
Thi Van Anh Nguyen	University of Caen Lower-Normandy	Multi-Stage Constraint Programming
Andreas Lehrmann	Max Planck Institute for Intelligent Systems	Random Decision Forests For Human Motion Synthesis
Daniel Trejo	University of Edinburgh	Circadian Rhythms In Plants: Machine Learning Models And Bioinformatics Approaches
Michael Hornacek	Vienna University of Technology	Depth Super Resolution by Example
Beata Turonová	Saarland University (IMPRS-CS)	Simultaneous Algebraic Reconstruction Technique in Electron Tomography
Krzysztof Templin	Max Planck Institute for Informatics	Gloss in Stereo
Nanzhu Jiang	Max Planck Institute for Informatics	Music Structure Analysis: Audio Thumbnailing and Structure Scape Plot
Niket Tandon	Max Planck Institute	Flowers are soft. But, How Would Computers Know?
Oliver Klehm	Max Planck Institute for Informatics	Bent Normals and Cones in Screen Space
Oskar Elek	Max Planck Institute for Informatics	Optical Simulation of Participating Media
Patrick Ernst	Max Planck Institute for Informatics	Relation Extraction for Diseases and their Determinants within the DIDO Framework
Alexandra Vtyurina	Southern Federal University	Nonintrusive human's functional state monitoring system
Ilya Lysenkov	Itseez	Recognition and Pose Estimation of Rigid Transparent Objects with a Kinect Sensor
Maxim Pestun	Moscow State University of Lomonosov	Kinect for Any Game Contest Project
Elena Tretyak	Max Planck Institute for Intelligent Systems	Physically based indoor scene analysis
Uwe Schmidt	TU Darmstadt	Probabilistic Image Models
Xiaokun (Kelvin) Wu	Max Planck Institute for Informatics	3D Object Completion from Unordered Depth Images using a Vocabulary Forest
Claudio Angione	University of Cambridge	Computing with Metabolic Machines
David Silver	Technion - Israel Institute of Technology	A one-step method for de novo genome assembly using short paired-end sequence reads
Miguel Lurgi	CREAF	Assembly and Disassembly of Ecological Networks
Archana Bajpai	Microsoft Research University of Trento Centre for Computational and Systems Biology	Multiple Feedback loops control asymmetry establishment in the septation initiation network of Fission Yeast Cells
Dmitry A. Grechka	Moscow State University	Environmental data fetching service
Felipe Albrecht	Max Planck Institute for Informatics	Fast and Intuitive Epigenetic Data Analysis
Tenzin Nyima	University of Trento	Gene expression in mouse intestine is modulated by dietary fat intake
Ken Wang	University of Oxford	Living Cardiac Tissue Slices: a Biological Testbed to Study Action Potential Heterogeneity, Conduction Velocity and Drug Effects
Wei Pan	Imperial College London	Reconstruction of Complex Dynamical Networks