

## Annex IV

### **STSM Action MP1205 (07/2013-06/2014)**

1. Title: Optical manipulation of microdroplets.  
Reference Number: ECOST-STSM-MP1205-020913-033976  
Dates: Monday, September 2, 2013 to Sunday, September 22, 2013  
Location: Koc University, TR  
Reference: ECOST-STSM-MP1205-020913-033976  
COST STSM Reference Number: COST-STSM-MP1205-14620 Name: Jan Jezek
2. Title: Preparation of nanoparticle solutions with tunable non-linear optical properties  
Dates: 2013-08-04 to 2013-08-17  
Location: Tampere University of Technology, Tampere, Finland  
COST STSM Reference Number: COST-STSM-MP1205-14335 Name: Theodoros Tsoulos
3. Title: Investigation of the Kramer's escape rate of SiNWs in a double optical trap.  
Reference Number: ECOST-STSM-MP1205-250913-033706  
Dates: Wednesday, September 25, 2013 to Saturday, October 26, 2013  
Location: Department of Physics and Astronomy, University College London, UK  
Reference: ECOST-STSM-MP1205-250913-033706  
COST STSM Reference Number: COST-STSM-MP1205-14680 Name: Alessandro Magazzu
4. Title: Opto-microfluidic device on Fe-doped lithium niobate crystals for particle trapping  
Reference Number: ECOST-STSM-MP1205-030214-040294  
Dates: Monday, February 3, 2014 to Friday, May 30, 2014  
Location: University of Munster, Institute for Applied Physics, DE  
Reference: ECOST-STSM-MP1205-030214-040294  
COST STSM Reference Number: COST-STSM-MP1205-16406 Name: AnnaMaria Zaltron
5. Title: Macroscale optical trapping in liquid crystals via dielectrophoretic and electrophoretic forces  
Reference Number: ECOST-STSM-MP1205-100214-040295  
Dates: Monday, February 10, 2014 to Saturday, February 15, 2014  
Location: University of Munster, Institute for Applied Physics, DE  
Reference: ECOST-STSM-MP1205-100214-040295  
COST STSM Reference Number: COST-STSM-MP1205-16416 Name: Liana Lucchetti
6. Title: Acustophoretic prefocusing test on a microfluidic chip for optical stretching  
Reference Number: ECOST-STSM-MP1205-170214-040296  
Dates: Monday, February 17, 2014 to Saturday, March 1, 2014  
Location: Technical University of Denmark, DK  
Reference: ECOST-STSM-MP1205-170214-040296  
COST STSM Reference Number: COST-STSM-MP1205-16311 Name: Giovanni Nava
7. Title: Targeting and membrane distribution of Na,K-ATPase analyzed with single molecule FCS  
Reference Number: ECOST-STSM-MP1205-240314-041624  
Dates: Monday, March 24, 2014 to Saturday, April 19, 2014

Location: Karolinska Institute  
Reference: ECOST-STSM-MP1205-240314-041624  
COST STSM Reference Number: COST-STSM-MP1205-17101 Name: Cornelia Junghans

8. Title: Microfluidic Raman analysis chip  
Reference Number: ECOST-STSM-MP1205-250514-044517  
Dates: Sunday, May 25, 2014 to Saturday, June 21, 2014  
Location: –Insitute for microsensors, -actuators and systems (IMSAS), Bremen University, DE  
Reference: ECOST-STSM-MP1205-250514-044517  
COST STSM Reference Number: COST-STSM-MP1205-19098 Name: Martin Rzyz
9. Title: Using the Mie theory to calculate the optical forces on a bead in a microfluidic channel  
Reference Number: ECOST-STSM-MP1205-090614-044348  
Dates: Monday, June 9, 2014 to Saturday, June 14, 2014  
Location: University of Bristol, UK  
Reference: ECOST-STSM-MP1205-090614-044348  
COST STSM Reference Number: COST-STSM-MP1205-18922 Name: Diane DeCoster
10. Title: Fabrication of Optical Microresonators Using Two-Photon Polymerization  
Reference Number: ECOST-STSM-MP1205-160614-045175  
Dates: Monday, June 16, 2014 to Friday, July 4, 2014  
Location: Biological Research Center, Szeged, HU  
Reference: ECOST-STSM-MP1205-160614-045175  
COST STSM Reference Number: COST-STSM-MP1205-20272 Name: Mustafa Eryurek
11. Title: Combination of Holographic Optical Tweezers and Raman Spectroscopy in Microfluidics to Sort/Count  
Reference Number: ECOST-STSM-MP1205-020614-040907  
Dates: Monday, June 2, 2014 to Friday, July 25, 2014  
Location: University of Munster, Institute for Applied Physics, DE  
Reference: ECOST-STSM-MP1205-020614-040907  
COST STSM Reference Number: COST-STSM-MP1205-16711 Name: Ugur Parlatan
12. Title: Modeling and trapping of Nanostructures in a speckle field  
Reference Number: ECOST-STSM-MP1205-220614-044838  
Dates: Sunday, June 22, 2014 to Sunday, July 13, 2014  
Location: Bilkent University, TR  
Reference: ECOST-STSM-MP1205-220614-044838  
COST STSM Reference Number: COST-STSM-MP1205-20175 Name: Alessandro Magazzu
13. Title: Measurements of nonlinear optical properties of high refractive index glasses and graphene layers.  
Reference Number: ECOST-STSM-MP1205-130714-045307  
Dates: Sunday, July 13, 2014 to Friday, August 1, 2014  
Location: Laser, non-linear and quantum optics group Department of Physics, University of Patras, EL  
Reference: ECOST-STSM-MP1205-130714-045307  
COST STSM Reference Number: COST-STSM-MP1205-20293 Name: Jaroslav Cimek

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14. Title: 2D resonant acoustic prefocusing in a micro fluidic optical stretcher chip  
Reference Number: ECOST-STSM-MP1205-100814-046998  
Dates: Sunday, August 10, 2014 to Friday, August 29, 2014  
Location: Technical University of Denmark, DE  
Reference: ECOST-STSM-MP1205-100814-046998  
COST STSM Reference Number: COST-STSM-MP1205-20637 Name: Giovanni Nava
  
15. Title: Electrically controlled disclination tweezer for nanoparticle manipulation  
Reference Number: ECOST-STSM-MP1205-010914-045495  
Dates: Monday, September 1, 2014 to Sunday, November 30, 2014  
Location: Università della Calabria, IT  
Reference: ECOST-STSM-MP1205-010914-045495  
COST STSM Reference Number: COST-STSM-MP1205-20352 Name: Denys Kasianiuk
  
16. Title: Nonlinearity of a liquid crystal doped with gold nanoparticles  
Reference Number: ECOST-STSM-MP1205-150914-046602  
Dates: Monday, September 15, 2014 to Friday, November 14, 2014  
Location: University of Southampton, UK  
Reference: ECOST-STSM-MP1205-150914-046602  
COST STSM Reference Number: COST-STSM-MP1205-20443 Name: Oleksandr Kurochkin