<table>
<thead>
<tr>
<th>Time</th>
<th>Sunday, March 23</th>
<th>Monday, March 24</th>
<th>Tuesday, March 25</th>
<th>Wednesday, March 26</th>
<th>Thursday, March 27</th>
<th>Friday, March 28</th>
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<tbody>
<tr>
<td>8:00 - 9:00</td>
<td>Registration</td>
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<tr>
<td>9:00 - 10:00</td>
<td>Welcome &amp; COST</td>
<td>Invited Talk R. Palmer</td>
<td>Invited Talk F. Kulzer</td>
<td>Working Group 1 Meeting</td>
<td>Working Group 3 Meeting</td>
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<td></td>
<td>9:00 - 9:40</td>
<td>9:00 - 9:40</td>
<td>9:00 - 9:40</td>
<td>Systems design and nanofabrication</td>
<td>Improving spectroscopic techniques</td>
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<td></td>
<td>9:40 - 11:30</td>
<td>9:40 - 10:00</td>
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<td>10:00 - 11:00</td>
<td>Talk R. Jaffard</td>
<td>Coffee Break</td>
<td>Talk C. Odermatt</td>
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<td>10:00 - 10:50</td>
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<td>11:00 - 12:00</td>
<td>Talk A. Meixner</td>
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<td>Talk N. v. Hulst</td>
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<td>11:00 - 11:30</td>
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<td>12:00 - 13:00</td>
<td>Talk E. Bortchagovsky</td>
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<td>12:10 - 14:00</td>
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<td>13:00 - 14:00</td>
<td>Lunch</td>
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<td>14:00 - 15:00</td>
<td>Talk H. Giessen</td>
<td>Invited Talk K. Kreipp</td>
<td>Invited Talk M. Surin</td>
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<td>14:00 - 14:40</td>
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<td>15:00 - 16:00</td>
<td>Talk F. Cecchet</td>
<td>Talk M. Cuffe</td>
<td>Talk K. Lau</td>
<td>Coffee Break</td>
<td>Physical processes and modeling</td>
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<td>15:00 - 15:20</td>
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<td>16:00 - 17:00</td>
<td>Group Picture</td>
<td>Talk P. Guccardi</td>
<td>Talk M. Richter</td>
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<td>17:00 - 18:00</td>
<td>Poster Session</td>
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<td>Working Group 4 Meeting</td>
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<td>16:30 - 16:50</td>
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<td>18:00 - 19:00</td>
<td>Poster Session</td>
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<td>Preparing a textbook</td>
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<td>(w. Coffee)</td>
<td>18:00 - 21:00</td>
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<td>19:00 - 20:00</td>
<td>Welcome Reception</td>
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<td>20:00 - 21:00</td>
<td>Coffee Break</td>
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<td>Conference Dinner</td>
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<td>21:00 - 22:00</td>
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<td>22:00 - 23:00</td>
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Program Conference of COST Action MP1302 Nanospectroscopy - "Optical Nanospectroscopy I" - March 23-28, 2014
**Invited Talks**

Mon 09:30-09:40
Michel Grütz
Plasmonic gold nanorods as antennae for single-molecule detection and spectroscopy

Mon 10:50-11:30
Alfred Meixner
Amplifying tip-enhanced Raman scattering by tunneling through a single molecular junction

Mon 14:00-14:40
Harald Giessen
Nonlinear Plasmonics

Mon 15:00-15:30
Luukas Novotny
Electro-Optical Antennas as Single Photon Sources

Tue 08:40-09:20
Richard Palmer
Precise fabrication of size-selected nanoparicles

Tue 12:30-13:10
Niek van Hulst
Antennas for Light: pushing the fast and the small

Wed 11:30-12:10
Joachim Knecht
Universal scaling of surface plasmon modes

Wed 14:00-14:40
Karin Kneipp
Hot spots of plasmonic nanoggregates and their potential in optical nanospectroscopy

Wed 08:40-09:20
Florian Kulzer
CdSe/ZnS quantum dots as nanoprobes: the critical distance of sensitivity in fluorescence lifetime measurements

Wed 09:20-10:00
Johannes Gierschner
Size effects in Organic Semiconductor Photophysics

Wed 11:30-12:10
Marita Kauranen
Nonlinear microscopy with vector fields

Wed 14:00-14:40
Mathieu Surin
Self-assembly of DNA – p-conjugated structures

**Oral Presentations**

Mon 09:40-10:00
Ivan Schelbykin
Visual observation of chemical reactions between individual conjugated polymer chains in liquid solution

Mon 10:10-12:20
Rodolphe Zeitinger
Nonradiative Excitation Fluorescence Correlation Spectroscopy

Mon 11:30-11:50
Jana Kabacova
Tuning the Gap in Experiments and Simulations of TERS/SERS in Gap-mode

Mon 11:50-12:10
Eugene Bortnichargov
Functionalized probes as an internal standard for tip-enhanced Raman scattering

Mon 14:40-15:00
Francois Cecchet
Molecular nano-interfaces probed with nonlinear vibrational spectroscopy

Mon 15:00-15:20
Arie Homberg
Non-linear Optical Processes of Plasmonic Nanostructures

Wed 16:35-16:50
Sebastian Mackowski
Optical fluorescence microscopy of plasmonic hybrid nanostructures

Wed 16:50-17:10
Wolfgang Fichter
Bioanalytics using single plasmonic nanostructures

Tue 09:20-09:40
Virginia Merk
Mix-and-match surfaces for spectroscopy at the nanoscale

Tue 09:40-10:50
Julia Fulmes
Probing the functionalization of surfaces using nanoscale Ag islands on graphite using Scanning Probe Energy Loss Spectroscopy

Wed 14:40-15:00
Mustafa Culha
Surface enhanced Raman Scattering from Biological Materials and Systems: From Proteins to living cells

Wed 15:00-15:20
Antonio Cricenti
Near-field Optical Nanoscopy with an IR-Free Electron Laser applied to Cancer Diagnosis

Wed 15:20-15:40
Pieter van der Schaaf
Optically induced aggregation of gold nanorods for SERS biosensing in liquid environment

Wed 15:40-16:00
James Rice
Novel SERS-active nanoparticle arrays

Wed 10:00-10:20
Christian Gademann
Optics of semiconducting two-dimensional metal dichalcogenides

Wed 10:50-11:10
Michele Harats
Highly directional emission of photons from nanocrystal quantum dots positioned on circular plasmonic lens antennae

Wed 11:10-11:30
Antonio Radoi
Optical and electrical characteristics of graphene quantum dots

Wed 12:10-12:30
Marc van Leeuwen
Optimization of SERS substrates and nanosensor applications

Wed 14:10-15:00
Katherine Lau
Combined 3D SERS and Raman cell imaging

Wed 15:00-15:20
Cristina Flores
New directions in nanoscale imaging of DNA

Wed 15:20-15:40
Marc Richter
AFM - TERS is Reaching Nanometer Scale on biological samples

Wed 15:40-16:00
Claudia Nuesch
Molecular characterization of drugs - lipid membrane models interactions: applications in drug discovery and delivery

**Posters (odd numbers: March 24, even numbers: March 25)**

P01 Daniela Täuber
Fluorescence correlation spectroscopy at reflecting substrates for investigation of vertical sample modulations

P02 Michael Metzger
Hybrid GRIN-lens microresonator for sensing applications

P03 Omar Tarrish
Fabrication of gold nanocube near-field scanning optical microscopy probes

P04 Xiaoyi Yang
Conical Raman Microscopy with Cylindrical Vector Beams for Probing Nanoscale Structural Order

P05 Emre Goral
Self-assembly of gold nanoparticle structures

P06 Simon Deierle
Preparation and characterization of nano-particle assemblies

P07 Bojun Li
Mechanism of J-aggregation of thiocyanate dye in the presence of silver nanoparticles

P08 Vesna Vodnik
Adsorption and Fluorescence Quenching of Thiocyanate Dye on Gold Nanoparticles

P09 Edward Siegel
Multidisciplinary Spectroscopy and Imaging for label-free characterization from micro - to nanoscale

P10 Jan Rogasi
Optical Microscopy of Large n-conjugated Carbon Materials

P11 Marcus van den Berg
Combined Optical and Photoemission Nanoscope arcane Microscopy on Organic Optoelectronic Materials

P12 Magdalena Teunink
Fluorescence imaging of hybrid nanostructures involving reduced graphene oxide

P13 Sebastian Peter
Characterization of the redox-sensitive GFP-mutant RoGFP2 by single molecule microscopy

P14 Bo Hu
Fabrication of graphene saturable absorber for ultra-broadband ultrafast laser fiber lasers

P15 Lara Mikac
Synthesis and Characterization of Silver Colloidal Nanoparticles with Different Coatings for SERS Application

P16 Vagif Rasulzade
Plasmonic nanorlys for organic photovoltaic cells

P17 Dominik Goltmer
Fabrication and characterization of plasmonic nanorlys for organic thin film photovoltaic cells

P18 Tobias Menold
Space- and time-resolved information of refraction index in a microresonator

P19 Bartosz Janikiewicz
Influence of funtionalization method on the degree of TOI particles surface modification with noble metal nanoparticles

P20 Andreas Horst
GRIN lenses with plasmonic strutures as core stems for biosensing

P21 Vlasta M. Grošev
Low temperature dynamics of glycolic and lactic acid studied by Raman spectroscopy

P22 Puskar Kunwar
Direct Laser Writing of Fluorescent Silver Nanocubes Structures

P23 Nancy Rathbun
Towards infrared coupling at the nanoscale: study of plasmonic rings for efficient excitation of surface plasmon polaritons

P24 Goedfried Baartstra
Second-harmonic generation imaging of vertically aligned carbon nanotubes

P25 Olinda C. Monteiro
Playing with compounds and methodologies aiming the synthesis of hybrid and composite nanoparticles

P26 Xuan Zhou
Developing and optimizing characterization of an anionic nano-emulsifier

P27 Julian Heuvel
Nano-optics facilities to study single nano-emitters fluorescence properties

P28 Lukasz Klopski
Optical monitoring of spontaneous magnetization in perovskite quantum dots

P29 Jan Hecz
Highly sensitive SERS sensing on carbon fibers modified with electrophoresed copper nanoparticles

P30 Rana Nicolas
Influence of the spacer layer dielectric properties on the optical properties of a coupled plasmonic mode of a gold-nanoparticles system

P31 Virginie C. T. Feimira
Tailoring nanostructured materials properties through surface modification

P32 Michele Celebrano
Near-field scattering analysis of gold gap nanorays

P33 Ulrich C. Fischer
Spectroscopic properties of sandwich layers of metal nanoparticles and monomolecular layers of dye molecules

P34 Francesco Tartusi
Nanoplasocopy of thermoolectric polymers

P35 Jara Kabáthová
Chemical Stability of Plasmonic Silver Probes

P36 Ole Smids
cAdvanced Optical Nanoscopy: From Research to Industry

P37 Sylwester Gawinski
Single molecule detection and spectroscopy: porphyrone and its derivatives

P38 Pieter Nya
Metallic nanostructures for SERS and fluorescence enhancement

P39 Ariadna Keziradou
Third order nonlinear optical response of a conjugated lipid investigated by the Z-scan technique

P40 Imran Ashraf
Site specific immobilisation of photosynthetic proteins on gold nanostructures

P41 Alexander Konrad
Temperature Dependent Luminescence and Dephasing of Gold Nanorods

P42 Mie Iwanda
Acoustic vibrations of amorphous and crystalline ZnO:TiO2 nanoparticles

P43 Emanuela Paroli
Near-field light-matter interaction in tip-enhanced Raman scattering

P44 Patrick Andrä
Scanning near-field optical microscopy studies: correlation between reflection and transmission measurement at high spatial resolutions

P45 James Rice
Correlation effects in single CoSi2 QDs

P46 Ronny Rappoport
Cold dipolar exciton fluids on a chip - from quantum many-body physics to multi-functional circuitry

P47 Ali Kemal Okyay
Electrically controlled resistive switching assisted active broadband optical tunability: Taming Light

P48 Atsushi Horiguchi
Nonlinear optics, nanomics, and artificial organelles for nonlinear analysis by fluorescence correlation spectroscopy (FCS)

P49 Simon Plant
Atomic structure control of size-selected Au nanoclusters during formation

P50 Mile Ivanda
Biometric zno chip - PIVV assemblies

P51 Juan Caballeros
Highly Efficient Emission from Regioregular Polyhexaythiophene in the Solid State upon Dilution in Conjugated Polymer Matrics

P52 Mark Jayson Vilangca
Holography-based structure-mediated light delivery

P53 Michele Celebrano
Optical bioengineering in germanium nanospectroscopy

P54 Subramany. Nagarajan
Conical Raman mapping of GaN nanoparticles

P55 Rafael Warmacher
Vibrionic Coupling and Stimulated Emission in a Class of Conjugated Molecular Crystals

P56 He Yang
Fabrication of aligned carbon nanotube device and its application for polarization controlling

P57 Roberto Caputo
Active Plasmonics: Systems design and Spectroscopic Characterization

P58 Manuel Martina
3D Raman imaging in combination with AFM, optical microcopy and TERS

P59 Niek van Hulst
Near-field light-matter interaction in tip-enhanced Raman scattering