



# Photon Tools for Physical Chemistry 2014

## Tuesday, 30 September 2014

### Session 4 Coincidence Spectrometry (Gerber) (11:50 - 12:20)

| time  | [id] title  | presenter          |
|-------|---|--------------------|
| 11:50 | [20] Photoelectron spectroscopy of radicals using double imaging coincidence techniques | Dr GARCIA, Gustavo |

### Session 4 Coincidence Spectrometry (Gerber) (14:00 - 17:10)

| time  | [id] title   | presenter                        |
|-------|--|----------------------------------|
| 14:00 | [30] Diagnostic issues for clean(er) combustion  | Prof. KOHSE-HÖINGHAUS, Katharina |
| 14:25 | [24] Multiplexed Photo-Ionization Mass Spectrometry Studies of Atmospheric Peroxy Radical Reactions                  | Prof. OKUMURA, Mitchio           |
| 14:50 | [9] Application of Coincidence Spectroscopy to Inorganic Chemistry   | Prof. FISCHER, Ingo              |
| 15:15 | Coffee   |                                  |
| 15:45 | [25] Dissociative photoionization and pyrolysis of Diazomeldrum's acid: A threshold photoelectron spectroscopy study | LANG, Melanie                    |
| 16:05 | [21] Threshold Photoelectron Spectra of HNCO and the NCO radical   | HOLZMEIER, Fabian                |
| 16:25 | [50] Photoelectron Photoion Coincidence Spectroscopy for High-Accuracy Thermochemistry (...and More!)                | Prof. SZTARAY, Balint            |
| 16:50 | [56] Lignin Fast Pyrolysis – Mechanistic Studies of Model Compounds  | Ms CUSTODIS, Victoria            |

# Wednesday, 1 October 2014

## Session 4 Coincidence Spectrometry (Gerber) (08:30 - 10:30)

| time  | [id] title  | presenter              |
|-------|---|------------------------|
| 08:30 | [29] The strange spectroscopy and fragmentation dynamics of the X 2B2 ground state of CH <sub>2</sub> F <sub>2</sub> <sup>+</sup>     | Prof. TUCKETT, Richard |
| 08:55 | [18] Dissociative photoionization dynamics of vinyl chloride in an excitation energy range of 11.0 – 14.5 eV                          | Prof. ZHOU, Xiaoguo    |
| 09:20 | [17] Dissociation of energy-selected CH <sub>3</sub> F <sup>+</sup> ions studied with double imaging photoelectron-photon coincidence | Dr TANG, Xiaofeng      |
| 09:45 | [53] Gas phase structures of small alkanes by femtosecond rotational Raman coherence spectroscopy and ab initio calculations          | Dr FREY, Hans-Martin   |
| 10:10 | [54] Investigation of 2-Methylfurane pyrolysis at VUV beam line of Swiss Light Source   | Dr GOOS, Elke          |