

# The Lausanne Centre for Ultrafast Science (LACUS)

## EDITORIAL

- 265 *M. Chergui*
- 268 Harmonium: An Ultrafast Vacuum Ultraviolet Facility  
*C. A. Arrell\*, J. Ojeda, L. Longetti, A. Crepaldi, S. Roth, G. Gatti, A. Clark, F. van Mourik, M. Drabbels, M. Grioni, M. Chergui*
- 273 Time-resolved ARPES at LACUS: Band Structure and Ultrafast Electron Dynamics of Solids  
*A. Crepaldi, S. Roth, G. Gatti, C. A. Arrell, J. Ojeda, F. van Mourik, P. Bugnon, A. Magrez, H. Berger, M. Chergui, M. Grioni\**
- 278 Aqueous Nanoscale Systems  
*S. Roke*
- 283 Several Semiclassical Approaches to Time-resolved Spectroscopy  
*J. Vaniček*
- 288 The LOUVRE Laboratory: State-of-the-Art Ultrafast Ultraviolet Spectroscopies for Molecular and Materials Science  
*M. Oppermann, N. S. Nagornova, A. Oriana, E. Baldini, L. Mewes, B. Bauer, T. Palmieri, T. Rossi, F. van Mourik, M. Chergui\**
- 295 Ultrafast Laser to Tailor Material Properties: An Enabling Tool in Advanced Three-dimensional Micromanufacturing  
*Y. Bellouard*
- 299 Opportunities for Chemistry at the SwissFEL X-ray Free Electron Laser  
*C. J. Milne\*, P. Beaud, Y. Deng, C. Erny, R. Follath, U. Flechsig, C. P. Hauri, G. Ingold, P. Juranic, G. Knopp, H. Lemke, B. Pedrini, P. Radi, L. Patthey*
- 308 Corrigendum: *CHIMIA* **2017**, 71, 92–102  
Mechanistic Insights into Gold Organometallic Compounds and their Biomedical Applications  
*S. Jürgens, A. Casini\**

## COLUMNS, CONFERENCE REPORTS

---

- 309 SWISS SCIENCE CONCENTRATES  
*C. D. Bösch, M. Kownacki, Y. Vyborna, S. M. Langenegger, R. Häner\**
- 310 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND  
How Do Plants Know when to Let Go?  
*S. Augustin, J. Santiago\**
- 311 POLYMER AND COLLOID HIGHLIGHTS  
Nanofiber-based Aerogels  
*T. Burger, F. Deuber, M. Merk, S. Mousavi, L. Vejsadová, C. Adlhart\**
- 312 BIOTECHNET SWITZERLAND  
Conference Report on TEDD & 3R Workshop at ZHAW Waedenswil  
*E. Heinzelmann*
- 315 CONFERENCE REPORT  
Report on 17<sup>th</sup> International Symposium on Solubility Phenomena and Related  
Equilibrium Processes (ISSP17)  
*M. Filella\*, W. Hummel\**
- 316 Swiss Chemical Society Spring Meeting, University of Bern, 21<sup>st</sup> April 2017  
*J. P. Byrne, P. Melle, M. Valencia, Á. Vivancos\**

## COMMUNITY NEWS

---

- 318 Swiss Chemical Society News
- 321 Honors and Awards
- 322 Industrial News

## EVENTS

---

- 324 SCS Conferences and Symposia 2017
- 325 Non-SCS Conferences in Switzerland
- 326 Lectures
- 327 Education Courses in Analytical Chemistry

## CHIMIA REPORT/COMPANY NEWS

---

- 331 Markt, Apparate, Chemikalien, Firmenportraits und Dienstleistungen