



# 2019 SRC Scientific Day

## *The periodic table: the toolbox of chemists!*



UNIVERSITÉ  
DE NAMUR

FACULTÉ  
DES SCIENCES

Thursday October 10<sup>th</sup> 2019

UNamur, Amphithéâtre Pedro Arrupe – PA02  
Rue de Bruxelles - 5000 Namur

- 08.30-09.00 **Welcome**
- 09.00-09.05 **Introduction:** Prof. Benoît Champagne (President of SRC)
- 09.05-09.55 **Prof. Simon Cotton** (*University of Birmingham*)  
**Two Centuries of the Rare Earths**
- 09.55-10.10 *Manon Mirgaux (UNamur)* "Mechanistic study of the human phosphoserine phosphatase (hPSP) : crystallographic and computational approaches"
- 10.10-10.25 *Maxime Bonsir (ULB)* "Synthesis of tetrasubstituted adamantane derivatives in view of their conversion to nanodiamonds"
- 10.25-10.45 *Coffee break*
- 10.45-11.35 **Prof. Brigitte Van Tiggelen** (*Director for European Operations, Science History Institute (Philadelphia, USA), Chair of the EuChemS Working Party on the History of Chemistry*)  
**Women in their Element. Their Contributions to the Periodic System**
- 11.35-12.25 **Prof. Arnout Ceulemans** (*KULeuven*)  
**The Periodic Table and the Legacies of Evariste Galois and Sophus Lie**
- 12.25-14.00 *Lunch - Poster session (all topics)*
- 14.00-14.50 **Prof. Markku Räsänen** (*University of Helsinki*)  
**Frontiers of Chemistry, Novel Noble Gas Containing Molecules in Low-Temperature Matrices**
- 14.50-15.05 *Pierre Ernotte (UMONS)* "Development and characterization of a bimodal paraCEST-<sup>19</sup>F contrast agent for MRI"
- 15.05-15.20 *Wendy Müller (ULiège)* "Multimodal molecular imaging combining Raman Spectroscopy and Mass Spectrometry: from fundamental aspects to selected biological examples"
- 15.20-15.35 *Nathalie Body (UCL)* "Synthesis and immobilization on carbon nanotubes of chiral complexes used in enantioselective catalysis"

15.35-16.00	<i>Coffee break</i>
16.00-16.50	<b>Prof. Gwilherm Evano</b> ( <i>ULB, Prix triennal 2017</i> ) <b>The Many Faces of Copper – Catalysis of Organic Reactions</b>
16.50-17.30	« C.G.B.-C.B.B. Incentive Awards 2019 »
17.30-17.45	SRC and Solvay Awards