New symposium CT7: Latest Breakthroughs in Chemistry
Deadline for CT7 submission: May 21st

50th General Assembly
& 47th IUPAC World Chemistry Congress
« Frontiers in Chemistry: Let’s create our Future!
100 years with IUPAC »

SESSIONS AND ORGANISERS FOR CT7

- **Session CT7.1: Frontiers in Supramolecular Materials**
  Egbert Willem ("Bert") Meijer (TU/e, Eindhoven, NM)
  Jean-Marie LEHN (ISIS, University of Strasbourg-FR)

- **Session CT7.2: Highlights in Organic Chemistry and Homogeneous Catalysis**
  Amir HOVEYDA (ISIS, University of Strasbourg, FR; Boston College, Chestnut Hill, USA)
  Janine COSSY (ESPCI, Paris, FR)

- **Session CT7.3: From Advanced Polymerizations to Controlled Macromolecular Architectures and Functional Polymer Materials**
  Krzysztof MATYJASZEWSKI (U-Carnegie Mellon, Pittsburgh, USA)
  Laurent BOUTEILLER (IPCM, Sorbonne Université, Paris, FR)
LIST OF PROPOSED THEMES AND SYMPOSIA

CHEMISTRY FOR LIFE
Symp 1.1: Chemistry for Synthetic Biology
Symp 1.2: Chemistry for Translational Medicine
Symp 1.3: Nanotechnologies for Health, Food and Beauty
Symp 1.4: Polymers and soft materials for Life Sciences

CHEMISTRY AND SOCIETY
Symp 4: session 4.1: Chemistry and Society: current knowledge
   session 4.2: Scientific outreach vs Teaching, Perception and Communication in Chemistry
   session 4.3: Chemistry and Society: intensifying the dialogue

CHEMISTRY FOR ENERGY AND RESOURCES
Symp 2.1: Materials for Energy by Computational Design
Symp 2.2: New Approaches for Electrochemical Energy Storage and Conversion Systems
Symp 2.3: Turning Solar Energy to Fuels via Artificial Photosynthesis
Symp 2.4: Towards multi-Terawatt clean Photovoltaic Energy Conversion – Grand Chemical Challenges
Symp 2.5: Management of Renewable Energy Related Materials Resources
Symp 2.6: Chemistry and Nuclear Energy: new materials and processes for a sustainable nuclear energy

CHEMICAL EDUCATION
Symp 5: session 5.1: Developing skills and values through chemistry education
   session 5.2: Research and practice in chemistry education
   session 5.3: Other topics

HISTORY OF CHEMISTRY
   session 6.1: IUPAC’s legacy to Chemistry
   session 6.2: IUPAC and the heritage of Chemistry
   session 6.3: The Periodic Table at 150

YOUNG SCIENTISTS PROGRAMME
Symp 7: session 7.1: Scientific writing
   session 7.2: New Channels and Challenges of scientific outreach
   session 7.3: From Bench to the Market
   session 7.4: Teaching
   session 7.5: Recruiting and Networking
   session 7.6: IYCN Symposium

SPECIAL SYMPOSIA
Symp. 8.1: A Global Survey on Gender Gap in Mathematical and Natural Sciences
Symp 8.2: Digital Chemistry and the Lab of the Future
Symp 8.3: Hommage to Eduard Hâla
Symp 8.4: Empowering Women in Chemistry
Symp 8.5: Chemistry Addressing the UN-17 Sustainable Development Goals
Symp 8.6: Metal-mediated radical polymerization: a prime example of CNRS-supported French-American partnership

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