Dr Victor Sans Sangorrin

MEng, MSc, PhD, MBA, AMIChemE, MRSC

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Employment

- **Assistant Professor** **since 09/2014**
  Department of Chemical and Environmental Engineering, Faculty of Engineering, University of Nottingham.
- **Research Fellow** **01/2013 - 08/2014**
  Cronin group, School of Chemistry, University of Glasgow
- **Post-Doctoral Research Associate** (PDRA) **07/2011 - 01/2013**
  Cronin group, School of Chemistry, University of Glasgow
- **Research Fellow** **11/2009 - 05/2011**
  School of Engineering, University of Warwick
- **Research Officer** **01/2008 - 10/2009**
  Department of Chemical Engineering, University of Bath
- **Research technician** **07/2004 - 07/2007**
  Department of Organic and Inorganic Chemistry, University Jaume I (Spain)

Education

- Part-time **MBA** with merit, University of Bath **2011**
- **PhD Sustainable Chemistry**, Cum Laude **2003 - 2007**
  Dpt. of Organic and Inorganic Chemistry, University Jaume I, Castellon, Spain
- **MSc Sustainable Chemistry,** Distinction **2006 - 2007**
  Interuniversity degree, coordinated by the University Jaume I, Castellon, Spain.
- **MEng Chemical Engineering** **1998 - 2003**
  University Jaume I, Castellon, Spain

Merits and awards

2015 Discipline Bridge Award, University of Nottingham (£25k).
2015 Dean Prize of Engineering, Faculty of Engineering, University of Nottingham, (£35k).
2014 Finalist in the Innovation Award from Society of Laboratory Automation (SLAS) with an oral presentation at SLAS2014 conference in San Diego.
2005 Best poster award in the conference “III Jornadas Españolas de Química Sostenible”.
2002 Erasmus scholarship to study one semester in the FH Koblenz (Germany).
2001 Research assistantship from Spanish Ministry of Education.

Teaching duties

- Module convenor of year 1 module Chemistry in the environment (H81CIE) and year 3 Reactor Design (H83RED).
- MEng project and Year 3 Laboratory supervisor.

Memberships

- 2014 Member of the Royal Society of Chemistry (RSC).
- 2013 Associate Member of the Institute of Chemical Engineers (IChemE).

Student Supervision

- Currently supervising 5 PhD students and 3 PDRA.

Selected publications

1. *Towards dial-a-molecule by integrating continuous flow, analytics and self-optimisation*, V. Sans*, L. Cronin*, **Chem. Soc. Rev**., DOI: 10.1039/C5CS00793C

2. *A Self Optimizing Synthetic Organic Reactor System Using Real-time In-line NMR spectroscopy*, V. Sans, L. Porwol, V. Dragone, L. Cronin*, **Chemical Science**, 2015, *6*, 1258. Article highlighted in Chemistry World. In the top 5% of all articles ever tracked by Altmetrics.

3. *Non-equilibrium dynamic control of gold nanoparticle and hyper-branched nanogold assemblies*, V. Sans, S. Glatzel, F. J. Douglas, D. A. Maclaren, A. Lapkin, L. Cronin*, **Chemical Science**, 2014, *5*, 1153-1157

4. *Macroscale Control of Polyoxometalate Assembly: A 4 nm {$W_{200}Co_8O_{660}$} Cluster discovered in a Networked Reaction System Array,* A. Ruiz de la Oliva, V. Sans, H. N. Miras, J. Yan, H. Zang, C. J. Richmond, D.-L. Long, L. Cronin*, **Angewandte Chemie Int. Ed.***,* 2012*, 51*, 1 – 5.

5. *Autonomous Discovery and Scale-up of Inorganic Clusters Using a Flow System Array,* C. J. Richmond, H. N. Miras, A. Ruiz de la Oliva, H. Zang, V. Sans, L. Paramonov, C. Makatsoris, R. Inglis, E. K. Brechin, D.-L. Long, L. Cronin*, **Nature Chemistry**, 2012, *4*, 1037–1043.