

(A) Conferences

1. **XXVI Reunion Bienal de Química Organica**, Punta Umbria-Huelva, 14-17 June 2016, Rhodium (III)-catalyzed oxidative annulation of o-akenylanilides and alkynes for the obtention of naphthylamides, Andrés Seoane, Cezar C. Comanescu, Xabier Diz, Borja Cendón, Moisés Gulías, and Jose Luis Mascareñas.
2. **CRIC 2014**, Chicago Regional Inorganic Colloquium, Feb. 8, 2014, UIC - University of Illinois at Chicago, Chicago, USA, *Synthesis, characterization and reactivity of two palladium carbenes*, Cezar C. Comanescu and Vlad M. Iluc.
3. **PINDU 2013** Annual regional Inorganic Chemistry conference for Purdue, Indiana and Notre Dame Universities, November 16th, 2013, Purdue University, Indiana, USA, *Synthesis, characterization and reactivity of two palladium carbenes*, Cezar C. Comanescu and Vlad M. Iluc
4. **PINDU 2012**, Annual regional Inorganic Chemistry conference for Purdue, Indiana and Notre Dame Universities, University of Notre Dame, South Bend, Indiana, USA, Dec. 1, 2012, *Synthesis, characterization and catalytic activity of new Pd(II) complexes supported by chelating phosphine ligands*, Cezar C. Comanescu and Vlad M. Iluc.
5. **IC-ANMBES** (International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences) – June 18-20, 2010, Brasov, Romania, *Improvement of Enzymatic Activity On New-Synthesized Hybrid Organic-Inorganic Materials*, COMANESCU C., FICAI D., GURAN C.
6. **NESSHY** - Novel Efficient Solid Storage for Hydrogen, **COSY** – Complex Solid State Reactions for Energy Efficient Hydrogen Storage, October, 5 - 6, 2010, Torino, Italy
7. **ICOSECS-7** (International Conference of the Chemical Societies of the South-Eastern European Countries), 15-17 September, București 2010 , *Synthesis, Characterization And Electrochemical Behavior Of Some Mo(V)-Sn(II) Complex Compounds*, Haritina Chivu, Denisa Ficai, Bujduveanu Magdalena Rodica, Cezar Comănescu, Olimpia Micu, Mihaela Eleonora Ungureanu, Cornelia Guran
8. **NOMARES International Workshop** (Nouveaux Matériaux Pour La Reconnaissance Electrochimique Des Minéraux Et Des Espèces Biologiques) 2010, Bucharest, *Synthesis And Characterization Of Two New Organic – Inorganic Hybrid Materials For Lipase Immobilization*, Cezar Comanescu, Denisa Ficai, Ioana Iacatusu, Cornelia Guran
9. **RICCCE XVII** (Romanian International Conference on Chemistry and Chemical Engineering), September 7-10, 2011, Sinaia, Romania:
 - *Synthesis And Characterization Of New Aminopropyl Functionalized SBA-15 Materials*, Cezar Comanescu, Denisa Ficai, Cornelia Guran
 - *Catalytic Activity of Silica-Supported Mo(V) – Sn(II) Heterobimetallic Complexes*, Cezar Comănescu, Haritina Chivu, Ramona Ene, Maria Maganu, Denisa Ficai, Viorica Pârvulescu, Cornelia Guran
10. **WHTC2011**, 4th World Hydrogen Technologies Convention, 2011, Glasgow, U.K., *Reversible Hydrogen Storage in Calcium Borohydride Supported on Mesoporous Carbon*, Cezar Comanescu, Giovanni Capurso, Amadeo Maddalena, Cornelia Guran

(B) Projects:

B1. Project ID: PNCDI-2 No. 72-196 / 2008 Title: “New complex hydrides for hydrogen storage in hydride tank suitable for vehicular applications” – STOHIPO Program: National Institute of Materials Physics (Politehnica University of Bucharest – partner) Time frame: 2008-2011 Budget: 1785000 RON
Reference (link): <http://www.infim.ro/projects/noi-hidruri-complexe-pentru-stocatoradecvataplicatiilor-vehiculare>;

Role of the applicant (**PI**) in the project: *key person*, in charge of designing and optimizing the chemical routes to hydrogen storage materials
Results: 1 patent (accepted, pending publication) and 3 ISI papers published.

B2. Reference: SAF2013-41943-R Title: Herramientas sinteticas en Quimica Biologica. Nuevas estrategias moleculares para el tratamiento y diagnostico de canceres
Time frame: 1/10/2014 – 31/12/2016 Principal Investigator: Jose L. Mascarenas Cid
Budget: 350000 E

Financing institution: Ministerio de Economia y Competividad (Espana)
Role of the applicant in the project: synthesis and study of the organometallic reaction intermediates as key mechanistic features
Reference (link): <http://www.usc.es/ciqus/es/investigacion/proyectos>