



Ben-Gurion University of the Negev

אוניברסיטת בן גוריון בנגב



Special Seminar

Department of Chemistry

Wednesday, May 17, 2023

Time: 11:00

Bldg. 43 Room 015

Prof. Jérôme Lacour

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Stereoselective Synthesis & Catalysis with Reactive Metal Carbenes

Recent progress on metal-catalyzed reactions and processes will also be presented – and those involving dirhodium, CpRu and copper catalyzed decompositions of α -diazocarbonyls in particular. An attention will be given to routes affording ylide intermediates and then functionally rich heterocyclic and macrocyclic derivatives. A large variety of stereoselective and enantiospecific transformations are available through these metal carbene reactions and subsequent ylide chemistries. Mechanistic investigations will be particularly detailed during the lecture.



1989-1993 Ph.D. in Organic Chemistry, University of Texas at Austin, USA

1993-1994 Post-doctoral Fellow, Harvard University, USA

1995-1999 Maître-Assistant, University of Geneva, Switzerland

1999-2001 Maître d'Enseignement et de Recherche, University of Geneva

2001-2004 Associate Professor of Chemistry, University of Geneva, Switzerland

2004-present Professor of Chemistry, University of Geneva, Switzerland

2014-present Dean, Faculty of science, University of Geneva, Switzerland