Author Profile



D. Bourissou

The author presented on this page has recently published his 10th article since 2000 in Angewandte Chemie: "Gold-Silane and Gold-Stannane Complexes: Coordination of Saturated Molecules as σ -Acceptor Ligands": P. Gualco, T.-P. Lin, M. Sircoglou, M. Mercy, S. Ladeira, G. Bouhadir, L. M. Pérez, A. Amgoune, L. Maron, F. P. Gabbaï, D. Bourissou, Angew. Chem. **2009**, 121, 10076-10079; Angew. Chem. Int. Ed. 2009, *48*, 9892 – 9895.



D. Bourissou has been featured on the cover of Angewandte Chemie:
"o-Bond Stretching: A
Static Approach for a
Dynamic Process": D.
Scheschkewitz, H. Amii, H.
Gornitzka, W. W. Schoeller,
D. Bourissou, G. Bertrand,
Angew. Chem. 2004, 116,
595–597; Angew. Chem. Int.
Ed. 2004, 43,585–587.

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Didier Bourissou

Date of birth: December 18th, 1972

Position: CNRS Research Fellow at the Laboratory of Fundamental and Applied Chemistry of

Heteroelements, University Paul Sabatier of Toulouse (France)

Education: 1992–1995 Chemistry Studies at the Ecole Normale Supérieure de Paris (France)

1995–1997 PhD in Chemistry with Dr. G. Bertrand, Laboratory of Coordination Chemistry,

Toulouse

1997-1998 Military Service as Research and Teaching Associate with Dr. F. Mathey and P. Le

Floch, Ecole Polytechnique, Palaiseau (France)

Professional 1998–Present CNRS Research Fellow (appointed Chargé de Recherche and promoted to

Awards: Directeur de Recherche in 2006) **1998** Dina Surdin Award of the Fr

1998 Dina Surdin Award of the French Chemical Society, 2005 Bronze Medal of the CNRS, 2006

Clavel Lespiau Award of the French Academy of Science, 2009 Acros Award of the French

Chemical Society

Current research Our research spans a wide range of topics in main group, transition-metal, and polymer **interests:** chemistry. These include the interplay between ambiphilic derivatives and metal fragments as

well as small molecules, the coordination of indenyl rings featuring donor sidearms to make original low-hapticity complexes, and the synthesis and applications of biodegradable polymers

(new monomers, organocatalyzed ring-opening polymerization, drug-delivery systems)

Hobbies: Sports, music, and wine

If I could be anyone for a day, I would be ... an orchestra conductor.

A good work day begins with ... a strong espresso and an unexpected crystal structure of significant interest.

n my spare time I ... love skiing and hiking with the family.

If I could have dinner with three famous scientists from history, they would be ... Herbert Charles Brown, Ernst Otto Fischer, and Georg Wittig.

The three things I would take to a desert island would be ... a chocolate bar, a rugby ball, and a thriller.

chose chemistry as a career because ... I always found it exciting to assemble new molecular structures by playing with atoms and bonds.

My first experiment was ... to burn a magnesium ribbon.

If I were not a scientist, I would be ... a chef in a restaurant.

The best advice I have ever been given is ... to challenge your own convictions twice.

The part of my job which I enjoy the most is ... to work with motivated and creative co-workers.

If I could be a piece of lab equipment, I would be ... an NMR tube.

My favorite food is ... pancakes with foie gras.

If I could be described as an animal it would be ... a wolf.

My 5 top papers:

- "Gold(I) Complexes of Phosphanyl-Gallanes: From Interconverting to Separable Coordination Isomers": M. Sircoglou, M. Mercy, N. Saffon, Y. Coppel, G. Bouhadir, L. Maron, D. Bourissou, *Angew. Chem.* 2009, 121, 3506-3509; *Angew. Chem. Int. Ed.* 2009, 48, 3454-3457.
- "Group 10 and 11 Metal Boratranes (Ni, Pd, Pt, CuCl, AgCl, AuCl and Au⁺) Derived from a Triphosphine–Borane": M. Sircoglou, S. Bontemps, G. Bouhadir, N. Saffon, K. Miqueu, W. Gu, M. Mercy, C.-H. Chen, B. M. Foxman, L. Maron, O. V. Ozerov, D. Bourissou, *J. Am. Chem. Soc.* 2008, *130*, 16729–16738.
- 3. "Transition-Metal Complexes featuring Z-type Ligands: Agreement or Discrepancy between Geom-
- etry and dⁿ Configuration?": M. Sircoglou, S. Bontemps, M. Mercy, N. Saffon, M. Takahashi, G. Bouhadir, L. Maron, D. Bourissou, *Angew. Chem.* **2007**, *119*, 8737–8740; *Angew. Chem. Int. Ed.* **2007**, *46*, 8583–8586.
- "An Activated Equivalent of Lactide toward Organocatalytic Ring-Opening Polymerization": O. Thillaye du Boullay, E. Marchal, B. Martín-Vaca, F. P. Cossio, D. Bourissou, J. Am. Chem. Soc. 2006, 128, 16442 – 16443.
- "Singlet Diradicals: from Transition States to Crystalline Compounds": D. Scheschkewitz, H. Amii, H. Gornitzka, W. W. Schoeller, D. Bourissou, G. Bertrand, Science 2002, 295, 1880–1881.

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