

*From carbenes to purely carbogenic
frustrated Lewis pairs*

Dr. Manuel Alcarazo

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Dr. Alcarazo was born in Alcalá de Guadaíra in 1978. He obtained his PhD from Instituto de Investigaciones Químicas (CSIC) (2005, Dr. José M. Lassaletta) on the synthesis and structure of new NHC-ligands. Postdoctoral research at Max-Planck-Institut für Kohlenforschung (2005-2008, Prof. Dr. Alois Fürstner) on the design and applications of ylidyic and bis-ylidyic systems.

In December 2008 he became an Independent Junior Group Leader.

Research in his group is primarily aimed toward the development of new coordination modes, catalysts, catalytic asymmetric reactions and methods for organic synthesis. In this way, his research program covers the interface between the areas of pure and applied organometallic chemistry, catalysis, and applications on organic synthesis.