

GÖCH-OBERÖSTERREICH PROGRAMMVORSCHAU

16.05.2017

Dr. Nicolas Blanchard

University of Strasbourg and University of
Haute-Alsace,
Synthetic Organic & Bioorganic Chemistry
Department

“Nitrogen heterocycles from
(hetero)-substituted alkynes through
hydroelementation reactions and
pericyclic sequences”

Johannes Kepler Universität Linz
17.15 Uhr, HS 13 (TNF-Turm)



Univ.-Prof. Dr. Günther Knör
Leiter GÖCH – Oberösterreich

Dr. Nicolas Blanchard

Alkynes and hetero-substituted alkynes are versatile building blocks that can be further advanced to useful scaffolds via ionic-, pericyclic- or metal-catalyzed reactions. For the past few years, we have focused our studies on the synthesis of nitrogen-containing heterocycles from activated alkynes, being trifluoromethylated alkynes or ynamides. In this lecture, we will address the synthesis of valuable nitrogen-heterocycles using short reaction sequences, relying on hydroelementation reactions and pericyclic sequences.