

invites to a seminar by

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How to get the most out of two phosphorus chemistries? Studies on H-phosponates

23rd February 2017 at 1:00 p.m.

at the Centre of New Technologies, Banacha 2c,
room 0142 (ground floor)

host: Marcin Kałek

Abstract: In the past few decades the H-phosponate chemistry emerged as an alternative methodology to well-established methods based on P(V) and trivalent P(III) derivatives, for the synthesis of biologically important natural products containing phosphorus (e.g., DNA, RNA, phospholipids, phosphorylated sugars, etc).

In the seminar a personal account of this development, illustrated with selected examples from nucleic acids chemistry from the author's laboratory, will be given. A special emphasis will be put on basic research that helped launch H-phosponate chemistry as a distinctive field of phosphorus chemistry in its own right.