

*Brief Curriculum Vitae***Timo Repo**

Chair Professor: University of Helsinki
 Inorganic Chemistry, Catalysis and Green Chemistry
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**QUALIFICATIONS**

2000, Docent (Adjunct professor), Inorganic Chemistry/Organometallic Chemistry
 1997, Ph. D. University of Helsinki, Inorganic Chemistry
 1992, M. Sc. University of Helsinki, Inorganic Chemistry

EMPLOYMENT HISTORY

2007- Present: Chair Professor: Catalysis and Green Chemistry, University of Helsinki
 2003-2007: Academy research fellow, Academy of Finland.
 2002-2003: Researcher, University of Helsinki
 1999-2002: Academy researcher, Academy of Finland
 1994-1999: Researcher, University of Helsinki

EXPERTISE

Inorganic/organometallic chemistry, green chemistry, homogeneous catalysis, especially catalyst development for major chemical transformations including oxidation, reduction, C-H activation, and C-C coupling (recent) applied for small molecule activation and biomass.

RESEARCH PUBLICATIONS:

>180 refereed international journal publications in chemistry, including catalysis, green chemistry, CO₂ and O₂ activation and metal-free hydrogen activation and hydrogenation.

SCIENTIFIC AND SOCIOETAL IMPACT OF RESEARCH:

Since 2008 the research of my research group has centered towards metal free activation of hydrogen and metal free hydrogenation reactions. Currently, CO₂ chemistry has received the main attention, with the aim of developing catalytic methods to produce fine chemicals.

POSITIONS OF TRUST AND OTHER SOCIETAL MERITS

EU/COST, , external expert	2014-2015.
EU/ COST (CMST), DC member	2010-2014.
European Chemical societies, Division of Organometallic Chemistry,	2007 -
Member of Editorial Advisory Board of ChemistrySelect (Wiley)	2022 -
Member of the research council for Natural Sciences and technology, Academy of Finland	2022 -
Membership in Finnish Academy of Science and Letters	2017 -

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