

Univerza
v Ljubljani

Fakulteta *za kemijo*
in kemijsko tehnologijo

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VABILO NA PREDAVANJE
V OKVIRU DOKTORSKEGA ŠTUDIJA
KEMIJSKE ZNANOSTI / INVITATION TO THE
LECTURE WITHIN DOCTORAL PROGRAMME IN
CHEMICAL SCIENCES

Prof. dr. Antonio Massa

*Department of Chemistry and Biology, "A. Zambelli",
University of Salerno, Italy*

z naslovom / title:

**Principles and applications in asymmetric
ORGANOCATALYSIS**

**v sredo, 11. 5. 2022 ob 15. uri /
on Wednesday, 11. 5. 2022 at 15.00**

**v predavalnici 1 v 1. nadstropju Fakultete za kemijo in
kemijsko tehnologijo, Večna pot 113 / in lecture room 1,
1st floor at the Faculty of Chemistry and Chemical
Technology, Večna pot 113**

Vljudno vabljeni! | Kindly invited!

Abstract:

The use of chiral small organic molecules as catalysts has emerged as the third fundamental strategy besides metal catalysis and enzymatic processes in asymmetric catalysis over the last two decades. This lecture will give a general introduction to the field with a special focus on the fundamental activation modes and selected examples for the application of these methods in the synthesis of bioactive compounds.

Recent research activity of the lecturer in the field will also be presented. Particular attention will be given to asymmetric cascade and multicomponent reactions in the construction of heterocyclic compounds.