



KEMIJSKI INŠTITUT

Vabilo na Preglov kolokvij / Invitation to the Pregl colloquium

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Četrtek / Thursday 19. 4. 2018, ob / at 13:00

Velika predavalnica Kemijskega inštituta /
Great Lecture Hall, National Institute of Chemistry;
Hajdrihova 19, Ljubljana, Slovenia

**Waste is an Eco-Friendly and Economically-Viable Source
for Production of Premium Liquid Fuels**

Among critical challenges facing modern society, conversion of waste liquids and gases to renewable, eco-friendly, socially-acceptable, economically-competitive, sustainable and fungible liquid fuels for transportation to replace fuels produced from crude oil is one of the most urgent tasks. In spite of major investment in R&D and significant scientific progress in this field, the current progress is very limited. Sustainable and renewable fuels account for <10% of the total transportation fuels.

The Blechner Center (<http://www.bgu.ac.il/indcat/>) has conducted extensive research leading to publications and development of a variety of technologies in the area of alternative fuels and chemicals. Catalytic technologies for conversion of CO₂/CO/H₂ mixtures to fuels and chemicals are ready for demonstration and commercialization.

The colloquium will focus on the scientific and technological aspects of the catalysts and catalytic processes studied and developed at the Blechner Center.

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Vljudno vabljeni / Kindly invited