

16. - 17. 09. 2021. – FACULTY OF CHEMICAL
ENGINEERING AND TECHNOLOGY, Zagreb, Croatia

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PROGRAM SCHEDULE

THE 53RD GOMA SYMPOSIUM – FUELS 2021

16.09.2021.

from 8.30 on

**SYMPOSIUM INFO DESK AT FACULTY OF
CHEMICAL ENGINEERING AND TECHNOLOGY**

REGISTRATION OF PARTICIPANTS
Symposium proceedings and Accreditation
badges will be given to participants after
registration.

starting at 09.30
MAIN HALL

09.30 – 09.45

Opening – Welcome Address by the

Organizer: GOMA

Gold sponsor: INA d.d.

**Host: Faculty of Chemical Engineering and
Technology**

9.45 – 11.15

Opening Section: Energy & Policy Trends

Green Hydrogen Project in INA

Bernard Suknjov, Vesna Kučan Polak, Tomo Galić, Predrag Domijan

INA – Industrija nafte d.d., Croatia

EU Green Deal and Fuels of the Future

Ilona Vari

MOL Group, Hungary

**Premium Fuel for Transportation and Agricultural Sectors:
MOL XXL Diesel**

András Holló, Tamás Borsos, Márton Krár, Dezső Kovács,
Ferenc Kovács, Sándor Buzás

MOL Group, Hungary

11:45 - 13.15

Biofuels & Environment Preservations

Overview of Possibilities for Green-Jet Production

Ivana Čović Knezović¹, Peter Boháček²

¹INA – Industrija nafte d.d., Croatia

²Slovnaft, Slovakia

Co-Processing - Quick Solution for Bio Targets

F. Kovács, A. Holló, B. Tóth

MOL Group, Hungary

Synthesis of Alternative Biodiesels and Diesel Blend Characteristics

Fabio Faraguna¹, Lucija Konjević², Marko Racar¹, Jelena Parlov Vuković², Petar Ilinčić³

¹ Faculty of Chemical Engineering and Technology, University of Zagreb, Croatia

² INA - Industrija nafte d.d., Croatia

³ Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Croatia

13.15 - 15.00

LUNCH BREAK

(in participants' own arrangement)

15.00 – 16.00

Technological Solutions

Defining a Clear Vision for Refining & Petrochemical Integration Investment Projects

Jordi Pinent-Armengol

Axens, France

Petrochemical Process – Propylene Production

Saša Horvat, Mirna Vujnović

INA - Industrija nafte d.d., Croatia

16.00 – 17.00
POSTER SECTION

New Rijeka Refinery's Crude Distillation Unit Column

Mirna Vujnović, Katja Cvitanović, Kristina Knezović,
Dejan Bogojević

INA – Industrija nafte d.d., Croatia

Mercury in Refining Processes

Marsela Miliša Gregurić, Mirna Vujnović

INA - Industrija nafte d.d., Croatia

From Cellulose to Monosaccharides

Nada Uzorinac Nasipak, Tihana Goričnik, Tatjana Tomić,
Jelena Parlov Vuković

INA - Industrija nafte d.d., Croatia

**Determination of Accelerated Steel Corrosiveness Tests of
Alternative Motor Fuel Blends**

Ljiljana Marinić Pajc

INA – Industrija nafte d.d., Croatia

Biomass – Advanced Analytical Techniques

Tihana Goričnik, Nada Uzorinac Nasipak

INA - Industrija nafte d.d., Croatia

**Preparation and Blending of NON OXY Gasoline
and Biofuels**

Martina Pažanin, Maja Bokulić Tadić, Barbara Novosel

INA - Industrija nafte d.d., Croatia

Tertiary Regulation of Active Power

Renatio Lusičić, Željko Beljan, Sanjin Grgurić

INA - Industrija nafte d.d., Croatia

UPS - Synergy Between Electricity and Chemistry

Zvonimir Pojer

INA - Industrija nafte d.d., Croatia

**New Product from Propane-Propylene Splitter Unit -
Analytical Challenge**

Sandra Karamarko, Zrinka Srdović, Štefica Čelap

INA – Industrija nafte d.d., Croatia



Algae Potential for Combined Wastewater Treatment and Biomass Production

Lana Husinec¹, Maria Blažina², Lucija Konjević¹, Ena Pritišanac², Marinko Markić³

¹ INA - Industrija nafte d.d., Croatia

² Ruđer Bošković Institute, Center for Marine Research, Croatia

³ University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia

Influence of Methacrylate Additives on Low-Temperature Properties of Mineral Diesel and Synthesized Fatty Acid Methyl and Octyl Esters

Mia Gotovuša¹, Ivan Pucko¹, Marko Racar¹, Jelena Parlov-Vuković², Marija Tirić Unetić², Lucija Konjević², Fabio Faraguna¹

¹ University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia

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17.30

WELCOME DRINK RECEPTION

Organized by



Croatian Society for Fuels and Lubricants

Berislavićeva 6, HR-10000 Zagreb

www.fuels.goma.hr

17.09.2021.

starting at 9.30 – MAIN HALL

FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY

9.30 - 10.30

Process Excellence & Technological Solutions

Propane-Propylene Splitter – Initial Startup in Rijeka Refinery

Ana Vučković Klarić, Ivan Boras

Ivicom Consulting d.o.o., Croatia

Operational Problems and Solutions of Amine Systems in Rijeka Refinery

Imbrišić Katarina, Novosel Doroteja

INA -Industrija nafte d.d., Croatia

10.30 - 11.00

COFFEE BREAK

11.00 - 13.00

Research & Development

Studies of the Effect of Deposit Formation on GDI Injectors and Engine Performance

David Claydon, Jon Pilbeam

Afton Chemical, United Kingdom

Real Driving Emission from Vehicle Propelled with Petrol and Liquefied Petroleum Gas (LPG)

Ante Vučetić, Vjekoslav Sraga, Boris Bućan, Krunoslav

Ormuž, Rudolf Tomić, Goran Šagi, Petak Ilinčić, Zoran Lulić

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

Physical and Chemical Properties of Alcohols and Diesel/Alcohol Blends

Lucija Konjević¹, Fabio Faraguna², Marko Racar¹, Marija Tirić-Unetić¹, Petar Ilinčić³

¹ INA – Industrija nafte d.d., Croatia

² Faculty of Chemical Engineering and Technology, Croatia

³ University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

Motor Fuels from Pyrolysis Oils

Maja Fabulić Ruszkowski¹, Marija Tirić-Unetić², Tena

Jurič Jezl¹, Zoran Lulić², Ante Vučetić²

¹ INA Industrija nafte d.d., Croatia

² University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

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