

EFCE WORKING PARTY ON FLUID SEPARATIONS

AGENDA OF 57th TECHNICAL MEETING

TO BE HELD IN BUDAPEST, HUNGARY 28 MAY 2015 at
Budapest University of Technology and Economics (BME)

Building K. Room I. 95

Budapest, XI. Muegyetem rkp. 3

08.30 Welcome and Chemical Engineering Activities in Hungary

Prof. Tibor CZIGÁNY Dean of the Faculty of Mechanical Engineering of BME

Prof. Lívía SARKADI President of the Hungarian Chemical Society

09.00 Focus Session: Refining problems and Energy saving issues

09.00 Benchmark method for Crude Oil Distillation Units

(with a brief presentation of MOL)

Rabi Istvan, Brigitta Kalmar, Maria Lorinczova, MOL

09.30 Column efficiency program in DS Production.

Szepes Miklósi, Sandor Gyori, Márk Bubalik, Klara Kubovics-Stocz, MOL

10.00 Utilization of low-temperature waste heat streams using thermocompressors

Kubovics-Stocz Klara, Zsuzsa Marton, Istvan Rabi, MOL

10.30 Coffee break

11.00 Safe and dense chemical storage of electricity in LOHC

Wolfgang Arlt, Erlangen University

11.30 Dividing Wall Columns in Azeotropic Distillation

Oleg Pajalić, Perstorp

12.00 Flow-induced Vibration of trays

Richard Darton, Oxford University

12.30 A Pressure Drop Model for Structured Packings in Deep Vacuum Applications

Žarko Olujić, Delft University

13:00 Lunch (sandwich)

14.00 What's new session

14:00 Tomography: a valuable tool for an insight into distillation columns

Wolfgang Arlt, Erlangen University

14:20 Optimisation of an Industrial Batch Extractive Distillation Process with Off-cut Recycle

Hegely, Laszlo and Peter Lang, BME Dept. of Building Service and Process Engineering

14:40 Process wastewater treatment with rectification

Peter Mizsey, BME, Dept. of Chemical and Environmental Engineering

15:00 Supercritical fluids in separation technology- research activities at BME

Edit Szekely, BME, Dept. of Chemical and Environmental Engineering

15:20 Short presentations by new members

15.20 *Jens Abildskov*

15.30 *Oleg Pajalić*

15.40 *Mario Roza*

15:50 Conclusions & Coffee break

16.00 Business meeting (see separate agenda)

18.00 End

19:30 Dinner at Kaltenberg Restaurant (IX. Kinizsi u. 30-36)

(From the hotel 20 min walk or by metro from 'Gellért tér' two stops by metro 4 to 'Kálvin tér' and one stop by metro 3 to 'Corvin negyed' or 500 m walk on the Szabadság bridge and from 'Fővám tér' 3 stops by the bus No 15 or 115)

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Friday 29 May 2015

Visit to bioethanol plant at Dunafoldvar

08.30 Bus departure from Hotel Gellert

**10.00 Arrival at Dunafoldvar to Pannonia Ethanol Ltd. - Presentation of the
bioethanol plant - Site tour**

12.15 Lunch at the Fish Restaurant Dunafoldvar ('Dunaföldvári Halászcserda')

13.45 Departure from the restaurant for Budapest Airport

15:30 Arrival at Budapest Airport

16:30 Arrival at Hotel Gellert