

FRIDAY, June 15th, 2018

Lectures - Energy Business & Natural Gas Value Chain
(IUC, Conference Room, Ground Floor)
Chairmen: DSc. Lidia Hrnčević, DSc. Andrej Pustišek

9.00-10.30 DSc. Andrej Pustišek -
Transportation and Storage Pricing I

10.30-11.00 Coffee Break (IUC Atrium)

11.00-12.30 DSc. Andrej Pustišek -
Transportation and Storage Pricing II

12.30-13.00 CLOSING CEREMONY

13.00-14.00 Farewell Cocktail (IUC Atrium)

Lectures - Petroleum Services (IUC, Conference Room, 1st Floor)
Chairmen: Franck Boutot, Guy Lefort

09.00-10.30 Guy Lefort, Franck Boutot - *Exercise -
Bit Selection & Optimization*

10.30-11.00 Coffee Break (IUC Atrium)

11.00-11.45 Guy Lefort, Franck Boutot -
INA Croatia M-2 well Bit Selection

11.45-12.30 Guy Lefort, Franck Boutot -
INA Croatia M-2 well Bit Selection

12.30-13.00 CLOSING CEREMONY

13.00-14.00 Farewell Cocktail (IUC Atrium)

REGISTRATION, FEE and GENERAL INFORMATION:
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 Petroleum Engineering Summer School

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INTER-UNIVERSITY CENTRE
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Interactive Seminar – Workshop 46



Course 1. PETROLEUM SERVICES
Course 2. ENERGY BUSINESS &
NATURAL GAS VALUE CHAIN

JUNE, 11th – 15th, 2018

 ENERGY DELTA INSTITUTE
SHARING THE ENERGY OF KNOWLEDGE



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MONDAY, June 11th, 2018 – ENERGY BUSINESS & NATURAL GAS VALUE CHAIN, PETROLEUM SERVICES

(IUC, Conference Room, Ground Floor)

10.00-11.00 OPENING CEREMONY

Welcome Addresses

DSc. Daria Karasalihović Sedlar, PESS Executive Director
DSc. Lidia Hrnčević, Vice Dean of the Faculty of Mining, Geology & Petroleum Engineering, Croatia
Nada Bruer Ljubišić, IUC Representative
Damir Škugor, INA Plc., Gas Trade Director
Marcel Kramer, Energy Delta Institute President
Jean Marc Dumas, SPE South, Central and East Europe Region Director

Jean-Marc Dumas - *Digital transformation of Petroleum Industry*

11.00-11.30 Coffee Break (IUC Atrium)

Lectures - Energy Business & Natural Gas Value Chain (IUC, Conference Room, Ground Floor)
Chairmen: Marcel Kramer, Dsc. Gordana Sekulić, Ivana Ivančić

11.30-13.00 **DSc. Gordana Sekulić (JANAF Plc., Croatia)** - *JANAF's oil pipeline and storage infrastructure - challenges and opportunities*
Florijana Đedović (Plinacro Ltd., Croatia) - *PLINACRO – Gas infrastructure development and regional integration*
Andrej Tibold (Energy Delta Institute, Netherlands) - *Introduction to Roundtable on Gas Infrastructure in Southeast Europe*

13.00-14.00 Welcome Cocktail (IUC Atrium)

14.00-15.30 **Round Table - South East Europe Energy Infrastructure Development - Marcel Kramer (Energy Delta Institute President, Netherlands) - moderator**

15.30-16.00 Coffee Break (IUC Atrium)

16.00-17.30 **DSc. Sergei Komlev (Head of Directorate Gazprom Export, Russian Federation)** - *European gas market: current state and perspectives*

18.30 WELCOME DINNER (Orhan Restaurant)

Lectures - Petroleum Services (IUC, Conference Room, 1st Floor)
Chairmen: Guy Lefort, Tzoni Raykov

11.30-13.00 **Tzoni Raykov (Halliburton, Bulgaria)** - *CYPHERsm Seismic-to-Stimulation Services*

13.00-14.00 **Welcome Cocktail (IUC Atrium)**

14.00-15.30 **Tzoni Raykov** - *Design & Execution of Frac Pack jobs*

15.30-16.00 Coffee Break (IUC Atrium)

16.00-17.30 **Tzoni Raykov** - *Design & Execution of Unconventional Hydraulic Fracturing jobs*

18.30 WELCOME DINNER (Orhan Restaurant)

TUESDAY, June 12th, 2018

Lectures - Energy Business & Natural Gas Value Chain (IUC, Conference Room, Ground Floor)
Chairmen: DSc. Daria Karasalihović Sedlar, Dsc. Sergei Komlev

09.00 **Governing Body member for the Central & Eastern European Gas Conference 2019**, (IUC, 1 Floor)

9.00-10.30 **DSc. Sergei Komlev** - *Fundamentals of pricing for natural gas: major factors determining price (part 1)*

10.30-11.00 Coffee Break (IUC Atrium)

11.00-12.30 **DSc. Sergei Komlev** - *Fundamentals of pricing for natural gas: major factors determining price (part 2)*

12.30-13.00 Coffee Break (IUC Atrium)

13.00-15.00 **DSc. Vitaly Yermakov (Head of Center for Energy Policy Research, Russian Federation)** - *The evolution of Russia's gas strategy on supplies to Europe*

Lectures - Petroleum Services (IUC, Conference Room, 1st Floor)
Chairmen: DSc. Damir Zadavec, Tzoni Raykov

09.00-10.30 **DSc. Constantin Tiemeyer (Halliburton, Germany)** - *Concepts of Drilling Fluid Displacement and the Importance for Cement Quality*

10.30-11.00 Coffee Break (IUC Atrium)

11.00-11.45 **DSc. Constantin Tiemeyer** - *Oil Well Cementing Additives and Oil Well Cement Testing - A Basic Overview*

11.45-12.30 **DSc. Constantin Tiemeyer** - *Cementing of CO₂- bearing Reservoirs - Background, Challenges and Solutions*

12.30-13.00 Coffee Break (IUC Atrium)

13.00-14.00 **DSc. Constantin Tiemeyer** - *The Concept of Formation Flow Potential and its Importance for Oil Well Cementing*

14.00-15.00 Break

15.00-16.30 **DSc. Arash Dahi Taleghani (Penn State University, USA)** - *Pre-Frac Injection Tests*

16.30-17.00 **DSc. Damir Zadavec (Croatia)** - *Drilling and monobore completion of gas producer wells in Persian Gulf*

WEDNESDAY June 13th, 2018

Lectures - Energy Business & Natural Gas Value Chain (IUC, Conference Room, Ground Floor)
Chairmen: DSc. Vitaly Yermakov, Andrej Tibold

9.00-11.00 **DSc. Vitaly Yermakov** - *The evolution of Russia's gas strategy on supplies to Europe*

11.00-11.30 Coffee Break (IUC Atrium)

11.30-13.00 **DSc. Andrej Pustišek (University of Applied Sciences Stuttgart, Germany)** - *Market structures in Europe and the role of hubs*

14.00-23.00 EXCURSION – Cavtat and Konavle Region

Lectures - Petroleum Services (IUC, Conference Room, 1st Floor)
Chairmen: DSc. Constantin Tiemeyer, Guy Lefort

09.00-10.30 **Guy Lefort, Franck Boutot** - *Fixed Cutter Bit Technology - PDC Technology*

10.30-11.00 **Guy Lefort, Franck Boutot** - *Fixed Cutter Dull Grade*

11.00-11.30 Coffee Break (IUC Atrium)

11.30-13.00 **Guy Lefort, Franck Boutot** - *Roller Cone Bit Technology*

14.00 – 23.00 EXCURSION – Cavtat and Konavle Region

THURSDAY June 14th, 2018

Lectures - Energy Business & Natural Gas Value Chain (IUC, Conference Room, Ground Floor)

Chairmen: DSc. Vitaly Yermakov, DSc. Andrej Pustišek

9.00-11.00 **DSc. Andrej Pustišek** - *Essentials of trading (and pricing) natural gas delivered at hubs*

11.00-11.30 Coffee Break (IUC Atrium)

11.30-13.00 **DSc. Andrej Pustišek** - *Web-based exercise on natural gas trading*

13.00-13.30 Coffee Break (IUC Atrium)

13.30-15.30 **DSc. Andrej Pustišek** - *Discussion and evaluation of results of the trading exercise, Virtual transportation and storage deals*

17.30 Guided Walking Tour - Dubrovnik City

Lectures - Petroleum Services (IUC, Conference Room, 1st Floor)
Chairmen: Florian Oprea, Franck Boutot

09.00-10.00 **Florian Oprea (Halliburton, Romania)** - *Drilling fluids program for Well S*

10.00-11.00 **Florian Oprea** - *Drilling fluids program for Well M-2*

11.00-11.30 Coffee Break (IUC Atrium)

11.30-12.15 **Guy Lefort, Franck Boutot** - *Roller Cone Dull Grade*

12.15-13.00 **Guy Lefort, Franck Boutot** - *Coring Services*

13.00-13.30 Coffee Break (IUC Atrium)

13.30-14.30 **Guy Lefort, Franck Boutot** - *Hole Enlargement*

14.30-15.30 Break

15.30-17.00 **Guy Lefort, Franck Boutot** - *Bit Selection & Optimization Presentation / DatCI*

17.30 Guided Walking Tour - Dubrovnik City



Organizes reserve the right to make changes to the Program.