

13th INTERNATIONAL CONFERENCE
GEOENERGY RESOURCES
– SUSTAINABLE ENERGY FUTURE

Tuesday – October 6, 2026



13th INTERNATIONAL CONFERENCE
GEOENERGY RESOURCES
– SUSTAINABLE ENERGY FUTURE

PROGRAM SCHEDULE

TUESDAY, OCTOBER 6, 2026

08.00 – 13.00

RECEPTION AND REGISTARTION

Amadria Park/Convention Centre/ŠIBENIK 2 Hall

09.05 – 09.15

OPENING CEREMONY

*Welcome addresses by representatives of the auspice,
sponsors, supporters and organizers*

09.15 – 10.15

PLENARY TALKS

- **Agencija za ugljikovodike:** Marijan Krpan
- **INA – Industrija nafte d.d.:** Josip Bubnić
- **JANAF d.d.:** Damir Vrbić
- **PLINACRO d.o.o.:** Darko Pavlović

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TUESDAY, OCTOBER 6, 2026

10.15 - 10.45

COFFE BREAK

10.45 - 11.45

PANEL DISCUSSION

“Croatian energy future: wishful thinking vs. reality”

MODERATOR:

Jerko Jelić-Balta

PANELISTS:

- Jadranka Leško, MINGO
- Aljoša Pleić, HGK
- Dražen Jakšić, EIHP
- Goran Pleše, INA
- Irena Jakić, HEP

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TUESDAY, OCTOBER 6, 2026

11.45 - 13.00

TECHNICAL SESSIONS

11.45

**GEPOLITIČKI ŠOKOVI I STRUKTURNI RIZICI ZA NAFTU I PLIN –
HORMUŠKI TJESNAC KAO TEST OTPORNOSTI GLOBALNE ENER-
GETSKE SIGURNOSTI**

**GEOPOLITICAL SHOCKS AND STRUCTURAL RISKS FOR OIL AND
GAS -THE STRAIT OF HORMUZ AS A STRESS TEST FOR GLOBAL
ENERGY SECURITY**

prof.dr.sc. Daria Karasalihović Sedlar, Sveučilište u Zagrebu Rudarsko
-geološko-naftni fakultet, Zagreb, Hrvatska

12.00

**ŠIRENJE INA-INOG ISTRAŽIVAČKOG PORTFELJA: NOVA ISTRAŽNA
PODRUČJA, OTKRIĆA I PLANIRANE BUŠOTINE**

**INA'S EXPANDING EXPLORATION PORTFOLIO: NEW ACREAGE,
DISCOVERIES AND FUTURE DRILLING**

Tomislav Baketarić, Josip Bubnić; INA - Industrija nafte d. d., Zagreb,
Hrvatska

12.15

**OD OTKRIĆA DO BUDUĆEG RASTA: REZULTATI KAMPANJE IS-
TRAŽIVANJA NA KONCESIJI SAVA-07 I RASTUĆA PERSPEKTIVNOST
PODRUČJA**

**FROM DISCOVERY TO FUTURE GROWTH: RESULTS OF THE SAVA-07
EXPLORATION CAMPAIGN AND EMERGING PROSPECTIVITY IN THE
AREA**

Stipica Brnada, Tomislav Baketarić, Toma Molnar, Tomislav Antolić;
INA - Industrija nafte d. d., Zagreb, Hrvatska

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TECHNICAL SESSIONS

12.30

**ISKUSTVA PRIMJENE I PROVEDBE UREDBE EU 2024/1787 O SMANJENJU EMISIJE METANA U ENERGETSKOM SEKTORU
ANALYSIS AND ACHIVED RESULTS DURING 10 YEARS OF CO2**

EXPERIENCE WITH THE IMPLEMENTATION OF REGULATION (EU) 2024/1787 ON THE REDUCTION OF METHANE EMISSIONS IN THE ENERGY SECTOR

Luka Ivanec, Goran Rončević, Dražen Kolembus, Željko Konopek;
Plinacro d.o.o., Zagreb, Hrvatska

12.45

DIZAJN ENERGETSKE TRANZICIJE: OD INFRASTRUKTURNE MODERNIZACIJE PREMA SOCIO - TEHNIČKOM OBLIKOVANJU ODRŽIVE ENERGETSKE BUDUĆNOSTI

DESIGNING THE ENERGY TRANSITION: FROM INFRASTRUCTURE MODERNIZATION TO SOCIO-TECHNICAL DESIGN OF A SUSTAINABLE ENERGY FUTURE

prof. dr. sc. Vladislav Brkić; Sveučilište u Zagrebu Rudarsko-geološki-naftni fakultet, Zagreb, Hrvatska

prof. dr. sc. Nikola Mrvac; Sveučilište Sjever, Koprivnica, Hrvatska

doc. dr. sc. Zoran Najdanović; Sveučilište u Zagrebu Grafički fakultet, Zagreb, Hrvatska

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TUESDAY, OCTOBER 6, 2026

13.00 - 14.00

LUNCH

for all participants

14.00 - 15.00

PANEL DISCUSSION

“From depleted reservoirs to strategic energy assets”

MODERATOR:

Dragutin Domitrović

PANELISTS:

- Jadranka Leško, MINGO
- Nikolina Lukačić Petrović, INA
- Laslo Farkaš Višontai, PSP
- Marko Živković, AZU

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15.00 - 16.00

TECHNICAL SESSIONS

15.00

GEOLOŠKE I TEHNIČKE OSNOVE RAZVOJA PODZEMNOG SKLADIŠTA PLINA GRUBIŠNO POLJE

GEOLOGICAL AND TECHNICAL BASIS FOR THE DEVELOPMENT OF THE GRUBIŠNO POLJE UNDERGROUND GAS STORAGE FACILITY

Bruno Ernečić, Dijana Bigunac, Ivan Zelenika, Petra Valjak; Podzemno skladište plina d.o.o., Zagreb, Hrvatska

15.15

ULOGA SUVREMENIH 3D SEIZMIČKIH PODATAKA U OTKRIVANJU POTENCIJALA POSTOJEĆIH NAFTNO-PLINSKIH POLJA (PRIVLAKA-DELETOVCI)

THE ROLE OF MODERN 3D SEISMIC DATA IN REVEALING THE POTENTIAL OF EXISTING OIL AND GAS FIELDS (PRIVLAKA-DELETOVCI)

Ivan Misović, Tomislav Antolić, Toma Molnar, Ivana Žanić; INA - Industrija nafte d. d., Zagreb, Hrvatska

15.30

TEKTONSKO-STRATIGRAFSKI PRISTUP KAO OKVIR ZA SUVREMENI SPE PETROLEUM RESOURCES MANAGEMENT SYSTEM (PRMS): PRIMJER PANONSKOG BAZENSKOG SUSTAVA

TECTONO-STRATIGRAPHY AS A FRAMEWORK FOR MODERN PETROLEUM RESOURCES MANAGEMENT SYSTEM (SPE) – PANNONIAN BASIN SYSTEM

Alan Vranjković i Ana Majstorović Bušić; INA - Industrija nafte d. d., Zagreb, Hrvatska

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15.45

**INTERPRETACIJA GEOTERMALNOG PROSPEKTA UZ PRIMJENU
STRUKTURNIH SEIZMIČKIH ATRIBUTA (Slučaj Lešćan)**

**INTERPRETATION OF A GEOTHERMAL PROSPECT USING STRUC-
TURAL SEISMIC ATTRIBUTES (The Lešćan Case Study)**

Davorin Balić, Kristijan Rumora, Tihana Ružić Pernar; INA - Industrija
nafte d. d., Zagreb, Hrvatska

16.00 - 16.30

COFFE BREAK

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16.30 - 18.30

TECHNICAL SESSIONS

16.30

INTEGRIRANI PROCES LABORATORIJSKE VALIDACIJE I INŽENJERSKE PROCJENE UČINKOVITOSTI ZAVODNJAVANJA LEŽIŠTA MJEŠAVINOM TENZIDA I POLIMERA

AN INTEGRATED WORKFLOW FOR LABORATORY VALIDATION AND RESERVOIR-SCALE ASSESSMENT OF SURFACTANT–POLYMER FLOODING

Ante Borovina, Nikola Cota, Robert Šimić, Marko Gaćina; INA - Industrija nafte d. d., Zagreb, Hrvatska

16.45

INTRODUCING A NOVEL METHOD FOR OPTIMIZING THERMAL OUT-PUT FROM DEEP BOREHOLE HEAT EXCHANGERS USING NEURAL NETWORKS

UVOĐENJE NOVE METODE ZA OPTIMIZACIJU TOPLINSKE SNAGE DUBINSKIH BUŠOTINSKIH IZMJENJIVAČA TOPLINE PRIMJENOM NEURONSKIH MREŽA

József Pap, Ádám Koncz; Rotary Drilling Co. Ltd., Hungary
Krisztián Mátyás Baracza; University of Miskolc, Hungary

17.00

DINAMIČKO MODELIRANJE GRIJANJA I HLAĐENJA CENTRALIZIRANIH TOPLINSKIH SUSTAVA 4. GENERACIJE BAZIRANIH NA GEOTERMALNIM IZVORIMA ENERGIJE

DYNAMIC MODELLING OF 4TH GENERATION DISTRICT HEATING AND COOLING SYSTEMS BASED ON GEOTHERMAL ENERGY

prof. dr. sc. Luka Perković, Filip Milešević; Sveučilište u Zagrebu Rudarsko-geološki-naftni fakultet, Zagreb, Hrvatska

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TECHNICAL SESSIONS

17.15

**UTJECAJ NA OKOLIŠ POGONSKIH STROJEVA NA FOSILNA GORIVA U
KOMPRESIJI PRIRODNOG PLINA**

**ENVIRONMENTAL IMPACT OF FOSSIL-FUEL COMBUSTION DRIVERS
IN NATURAL GAS COMPRESSION SYSTEMS**

Mato Siladić, S.C.A.N., Zagreb, Croatia

17.30

**MOBILNI SUSTAV ZA ZBRINJAVANJE, KOMPRESIJU I TRANSPORT
PLINA POD TLAKOM**

MOBILE CNG UNIT

Damir Jeličić, Pico Flow Controls, d.o.o., Zagreb, Hrvatska

17.45

**PROJEKT OPORAVKA SUSTAVA KATODNE ZAŠTITE PODMORSKOG
PLINOVODA**

**SUBSEA GAS PIPELINE CATHODIC PROTECTION SYSTEM RETROFIT
PROJECT**

Hrvoje Krpan, Hrvoje Goreta; INA- Industrija nafte d.d., Zagreb, Hrvatska

Krešimir Kekez; PA-EL d.o.o., Veliko Trgovišće, Hrvatska

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TECHNICAL SESSIONS

18.00

**TRANSFORMACIJA UPRAVLJANJA KOROZIJOM I INHIBITORIMA
KOROZIJE - INTEGRIRANI MODEL ODLUČIVANJA UNAPRIJEĐEN
UVOĐENJEM KOROZIJSKIH KUPONA**

**CORROSION AND INHIBITOR MANAGEMENT TRANSFORMATION -
INTEGRATED DECISION-MAKING MODEL ADVANCED BY COUPON
INCLUSION**

Ivana Kapustić Pavić, Davor Kovačević, Izidora Jurinić Kujundžić; INA -
Industrija nafte d. d., Zagreb, Hrvatska

18.15

**OD KLASIČNE DO RAČUNALNE OBRADJE KAROTAŽNIH PODATAKA:
POVIJESNI RAZVOJ I PRIMJENA**

**FROM CLASSIC TO COMPUTER PROCESSING OF LOG DATA:
HISTORICAL DEVELOPMENT AND APPLICATION**

Zlatko Đurić, Božidar Jančiković; HUNIG, Zagreb, Hrvatska
Zoran Čogelja; INA - Industrija nafte d. d., Zagreb, Hrvatska

20.00 – 20.30

TRANSPORT BY BUS TO ŠIBENIK

Meeting point: in front of Hotel IVAN entrance

20.30 – 23.00

GALA DINNER

CITY HALL, Restaurant

Šibenik, Amadria Park
5. - 7. listopada 2026.

13. MEĐUNARODNA KONFERENCIJA
GEOENERGETSKI RESURSI
ODRŽIVA ENERGETSKA BUDUĆNOST



RADNI PROGRAM
FINAL PROGRAM

Šibenik, Amadria Park
5 - 7, October 2026

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