



69th
Annual Meeting
of the
International
Committee for
Coal and Organic
Petrology
ICCP

September 3 - 9, 2017 | Romanian Academy Library | Bucharest, Romania

ORAL AND POSTER PRESENTATIONS

Under the
Auspices of



ACADEMIA ROMÂNĂ



UNIVERSITATEA POLITEHNICA
BUCUREȘTI



Organizers



MINISTERUL CERCETĂRII ȘI INOVĂRII



Sponsors





The Open Plenary Session of the General Assembly of the ICCP Oral Presentations

- Strengths and opportunities of Romania's natural patrimony
B.C. Simionescu, R.D. Rusu, M. Mihai
- Coals of Romania – occurrence and use
M.E. Popa, G. Predeanu
- 160 years of petroleum industry in Romania
M.D. Ghiran, V.D. Şindilar, Ş. Gheorghe, R. F. Olaru - Florea
- Romanian energy sector - contribution to national energy security and efficiency
I. Iancu

The ICCP Symposium on “Advances in Applied Coal and Organic Petrology” ORAL Presentations

Chairs: Deolinda Flores and Kimon Christanis

- Organic facies variability and paleoenvironmental changes across the Early Toarcian of the Pyrenean Basin
C. Fonseca, J.G. Mendonça Filho, C. Lézin, L.V. Duarte, Ph. Fauré
- Dispersed organic matter and organic geochemistry of Oligocene source rocks from the Getic Depression, Romania
M.D. Ghiran, M.E. Popa, Ş. Gheorghe
- On the petrographic distinction of oil-prone kerogen from solid bitumen in immature shale and mudrock
P.C. Hackley, B.J. Valentine, J. Hatcherian
- Overview of the petrographic properties of coal in the Upper Silesian Coal Basin S Poland: Part 1. Reserves of coking coal
I. Jelonek, M. Kondas, M. Kasprzyk, P. Filipiak, Z. Jelonek
- Origin of minerals in high-ash Jurassic coals and coaly shales, Gümüşhane (NE Turkey)
A.I. Karayiğit, R.G. Oskay
- Variations in meso- and microporosity of Carboniferous bituminous coal seams, Zonguldak basin, Turkey
A.I. Karayiğit, M. Mastalerz

Chairs: Iwona Jelonek and Călin Dumitrescu

- Petrographic features of hydroid remains in the sedimentary record
J.G. Mendonça Filho, J.O. Mendonça, D. Flores
- The statistical analysis of digital coke images using the random walking method
M. Piechaczek, T. Błachowicz
- Artificial maturation of graptolite-rich Upper Ordovician shale from Amadjuak Formation, Baffin Island, Nunavut, Canada
J. Reyes, C. Jiang, D. Lavoie, S. Zhang, M. Milovic, R. Robinson, D. Armstrong
- ECOAL Project: delivering solutions for monitoring coal related fires
J. Ribeiro, D. Viveiros, J. Ferreira, A. Lopez-Gil, A. Dominguez-Lopez, L. Duarte, X. Angulo-Vinuesa, S. Martin-Lopez, M. Gonzalez-Herraez, A.C. Teodoro, J.A. Gonçalves, D. Flores, J.L. Santos, J.M. Baptista



- Petrography of coke from blends of coal and different raw materials
Ł. Smędowski, M. Piechaczek, R. Bigda, M. Rejdak
- Organogeochemical and petrographical investigations for hydrocarbon generation of coal and shale from Makum coal basin, Assam, India
A.K. Varma, S. Biswas, D.J. Patil, D. Mani, S. Ghosh

Chairs: Dragana Životić and Georgeta Predeanu

- Effects of tectonic activities on the organic matter of coal from Sikkim, India: Insights from petrography and geochemical proxies
A.K. Varma, S. Ghosh, D.J. Patil, D. Mani, S. Biswas
- Inorganic geochemistry of the early Miocene low-rank coals in the Most Basin, Czech Republic
D. Vöröš, I. Suárez-Ruíz, M. Díaz-Somoano, E. Geršlová, I. Sýkorová

The ICCP Symposium on “Advances in Applied Coal and Organic Petrology”

POSTER Presentations

- Energy potential assessment of some waste resources in Vâlcea County, Romania
D. Avram, F. Bucura, A. Zaharioiu, F. Marin, M. Miricioiu, M. Constantinescu
- Consideration regarding the impact of climate change policies on changes in solid fuels consumption
M. Bălănescu, M. Sohaciu, C. Drăgan, C. Grădinaru
- A microscopy study on the formation of carbon fiber structure
A. Bara, C. Banciu, V. Marinescu, C. Morari
- An optical microscopy study on the development of mesophase after the addition of carbon nanotubes in petroleum pitch
A. Bara, C. Banciu, D. Pătroi
- Thermal history of the Weald Basin, southeast England
T.S.C.H. Beattie, J.E.A. Marshall, I.C. Harding
- The analysis of the variability of the oxide composition of ash from Polish low-rank coals
B. Bielowicz
- CO₂ sorption properties of the selected Polish low-rank coals
B. Bielowicz, P. Baran
- Tissue preservation in bryophytic peats from the North of Spain in relation to palaeohydrological conditions
A.G. Borrego, J. Urbańczyk, K. Perleros, V. Revithi, J.E. Ortiz, Y. Sánchez-Palencia, J.L.R. Gallego, V. López-Días
- New sedimentological and palaeoecological results from the Bozovici Basin, Caraş-Severin County, Romania
A.G. Călin, I.E. Barbu, I. Maris, M.E. Popa
- Organic petrographic and geochemical appraisal of the Upper Jurassic Naokelekan Formation, KRG, Iraq
M.E. Damoulianou, K.Y. Kolo, A.G. Borrego, S.P. Kalaitzidis
- Application of polar compounds in the reconstruction of secondary migration pathways
P. David, N. Häuser, T.U. Garlich, K. Øygaard, L. Schwark

- Petrographical and organic geochemical study of the lignites from the Smederevsko Pomoravlje field (Kostolac Basin, Serbia)
N. Đoković, D. Mitrović, A. Bechtel, V. Matić, L. Despotović, D. Životić, K. Stojanović
- Hydrocarbon generation potential of Pliocene lignite from Filipeștii de Pădure, Romania
M.D. Ghiran, G. Predeanu, M.E. Popa, I. Mariș, Ș. Gheorghe, C. Ranca
- Geochemical and petrological characteristics of Badenian lignite from Lighidia open pit mine, Bozovici, Romania
M.D. Ghiran, G. Predeanu, I. Mariș, M.E. Popa, Ș. Gheorghe, C. Ranca
- Solid bitumen petrographic features of Montejunto formation (Lusitanian Basin, Portugal)
P.A. Gonçalves, Z. Vinhas, A. Chefe, J.G. Mendonça Filho, D. Flores
- Sequence stratigraphy of coal-forming depositional systems interpreted on basis of well log correlation, organic petrology and sulphur composition of Miocene lignites, N-Hungary
M. Hámor-Vidó, Z. Püspöki, L. Pápay, R. Horváth
- Organic petrology and palynology of Lower Black Shales of Peak 9559 section, Montana, USA
I. Jelonek, M. Kondas, M. Kasprzyk, P. Filipiak, Z. Jelonek
- Co-pyrolysis of lignite and high density polyethylene – characterisation of solid and liquid products
I. Kojić, A. Bechtel, D. Životić, K. Stojanović
- The artificial maturation of marine organic matter - Insights from hydrous-system pyrolysis experiments
J. Kus, C. Ostertag-Henning, M. Blumenberg
- Coal and renewable energy sources influence on Romanian market operation and greenhouse emissions level
G.C. Lăzăroiu, N. Golovanov, F. Cârlea
- Residual hydrocarbons of coal and evaluation of their role in the development of fire-blast emergencies in coal underground mines
V.S. Lebedev, I.E. Stukalova, O.V. Scopinseva
- Combining laser reflectance and Raman spectroscopy – Preliminary results
N.K. Lünsdorf
- Characterization of dispersed organic matter of the Candeeiros Formation (Lusitanian Basin, Portugal): the case of Gaiteiros-1 borehole
J. Martins, P.A. Gonçalves, A. Morgado, J.G. Mendonça Filho, D. Flores
- Petrographic and geochemical composition of coals and products of coal combustion from selected combined heat and power plants (CHP) and heat plants in Poland
Z. Mirkowski, I. Jelonek
- The influence of coal-seam fire on overlying rocks assessed using petrography and geochemistry – a case study from the Jastrzębie coal mine (USCB, Poland)
M. Misz-Kennan, M.J. Fabiańska, J. Ciesielczuk, D. Jura, A. Matuszewska
- Variation in microstructure of graptolite periderm related to the depth of burial
R. Morga
- The chemical composition of graptolite periderm in the gas shales from the Baltic Basin of Poland
R. Morga, M. Kamińska

- New petrographic and geochemical data of anthracites from the W sector of the Peñarroya-Belmez-Espiel Basin, Spain
H. Moura, M.M. Marques, J. Ribeiro, I. Suárez-Ruiz, D. Flores and P.P. Cunha
- Extraction of heavy and rare earth metals from bottom ash: a kinetic study of the acid attack
C. Onose, M. Mihaly, E.A. Rogozea, G. Predeanu, B. Valentim, A. Guedes, D. Cadar, N.L. Olteanu, A. Meghea
- Organic geochemistry of Gondwana coals from the Satpura and Damodar Valley basins in India
S. Patra, S.S. Dirghangi, S. Dutta
- Romania's unconventional hydrocarbon resources
C. Pene, B. Niculescu, G. Andrei
- Morphology of fly ash from co-combustion of waste (alternative fuel) and hard coal in a stoker boiler
M. Piechaczek, R. Wasielewski
- Coal petrography and fossil plants from the Paroșeni Coalfield, Petroșani Basin, Romania
R. Pirnea, M.D. Ghiran, M.E. Popa
- Carbon-iron micro/nanoparticles tailored for arsenic removal
G. Predeanu, I. Rău, A. Meghea, M. Hrițac, V. Slăvescu, I. Lăcătușu
- Mesophase development in an anthracene oil-based pitch by pyrolysis in a microwave field
G. Predeanu, S. Axinte, M.F. Drăgoescu, J.J. Fernández, A. Fiti, Z. González, R. Menéndez, V. Slăvescu, A. T. Abagiu
- Struggles in investigation of organic matter of oil and gas basins
N. Pronina, M.S. Luzbina
- Influence of various plastic wastes additives on structure and properties of coal carbonization products
S. Pusz, A. Koszorek, U. Szeluga, P.S. Wróbel
- Petrographic characterization of organic matter in soils affected by forest fires
J. Ribeiro, J. Espinha Marques, C. Mansilha, D. Flores
- Deformed coal seams associated with igneous intrusions in Moatize, Mozambique
S. Rodrigues, L. Glasser, V. Ward, H. Peixoto, J. Esterle, S. Macamo, E. Etchart
- Geochemical characterization of Oligocene hydrocarbon source rocks from Teleajen Valley, Romania
C.T. Sava, L.M. Ghenu, L.Ș. Constantin, D.M. Ghiran, I. Mariș
- Vitrinite mapping and coking potential of lower seams of Jamadoba, Jharia Basin, India
R. Singh, M. Sengupta, M. Deb, K. Ramachandran
- Paleodepositional conditions and hydrocarbon potential of the Bikaner Lignites, Bikaner-Nagaur Basin, Rajasthan, India
A.K. Singh, A. Kumar
- A comparison of petrographic properties of coals from the eastern part of the Lower Silesian Coal Basin and selected coals from the Upper Silesian Coal Basin in terms of their usefulness for carbonization process
Ł. Smędowski, M. Uglik



- The Oligocene coal flora from Petrila Mine, Petroșani Basin
I. Stănciulescu, G. Cojocaru, R. Pirnea, M.E. Popa
- Physico-chemical properties of high reflectance solid bitumen
I. Suárez-Ruiz; T. Juliao; I. Camean; R. Marquez; M.A. Díez; B. Ruiz
- Bitumens – products of a late-stage of self-ignition in the Eliška coal waste heap at Žacléř (Czech Republic)
I. Sýkorová, B. Kříbek, M. Havelcová, V. Machovič, A. Špaldoňová, P. Matysová, L. Lapčák, I. Knésl, F. Laufek, F. Veselovský
- Assessment of landfilled Oltenia lignite bottom ash (Romania) as a source of rare earth elements
B. Valentim, A.T. Abagiu, L. Anghelescu, G. Chirculescu, D. Flores, D. French, P. Gonçalves, A. Guedes, L.G. Popescu, G. Predeanu, J. Ribeiro, V. Slăvescu, C.R. Ward
- The complexities of thermal maturity assessments, Karoo Basin shales, South Africa
N.J. Wagner, V. Chabalala
- Origins and depositional environments of organic matter from Outer Carpathian rocks – a petrographic and geochemical approach
M. Zielińska, M. Misz-Kennan, M.J. Fabiańska, D. Więctaw