



Posters

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NEW TRENDS in ANALYTICAL TECHNIQUES

- 01 **Azbej T., Severs M., Bodnar R.J.**
In Situ Quantitative Analysis of H₂O-CO₂ Fluid Inclusions by Laser Raman Spectroscopy
- 02 **Bonelli R., Bodnar R.J., Frezzotti M.L., Peccerillo A.**
Preliminary data on re-equilibration times of CO₂ inclusions in quartz
- 03 **Buckroyd C.C., Wilkinson J.J., Stoffell B., Jeffries T.E., Rusk B.G., Zentilli M., Grime G., Kirkby K.**
Development of 213nm UV laser ablation ICP-MS for the analysis of single fluid inclusions: application to primary magmatic-hydrothermal ore fluids
- 04 **Gasharova B., Diamond L.W., Mathis Y.L.**
Synchrotron-FTIR mapping of CO₂ and H₂O in individual fluid inclusions at high spatial resolution: Application to studies of fluid inclusion re-equilibration
- 05 **Lin F. & Bodnar R.J.**
Determination of Methane Hydrate Stability Limits using Raman Spectroscopy
- 06 **Peretyazhko I.S., Kotelnikova Z.A., Smirnov S.Z.**
Synthetic inclusions in the system NaF-H₃BO₃-H₂O-SiO₂
- 07 **Pironon J., Lhomme T., Bourdet J., Levresse G., Gonzalez-Partida E., Tritlla J.**
Study of petroleum and aqueous inclusions in carbonate reservoirs: a necessary adaptation
- 08 **Rankin A.H. & Beeskov B.**
CH₄-CO₂ calibration standards for Laser-Raman and microthermometric determinations of CH₄/CO₂ ratios in fluid inclusions
- 09 **Zajacz Z., Halter W., Malfait W.**
Composition independent quantitative determination of the water content in silicate glasses and silicate melt inclusions by confocal Raman-spectroscopy
- 10 **Ziemann M.A. & Reese I.**
A new mobile Raman-microprobe: Application to inclusions in quartz crystals in the Grotto Hall of the New Palace, Park Sanssouci, Potsdam

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FLUID INCLUSIONS and STABLE ISOTOPES

- 01 **Baatartsogt B., Wagner T., Taubald H., Mierdel K., Markl G.**
Hydrogen isotope determination of fluid inclusion water from hydrothermal fluorite: the results depend on the extraction technique
- 02 **Boyce A.J., Fulignati P., Sbrana A.**
Stable isotope ($\delta^{18}\text{O}$, δD) composition of magmatic hydrosaline fluids exsolved from an active alkaline magma chamber. The case of the AD 79 magma chamber of Vesuvius

- 03 **Gonzalez-Partida E.**, Levresse G., Tritlla i Cambra J., Gonzalez-Sanchez F., Ramajo H., Venegas-Salgado S., Ramirez-Silva G.
Fluid Inclusions and Isotopic Fluid Composition of the “Los Azufres” Geothermal Field, Central Mexico
- 04 **Milovský R.**, Hoefs J., Kerkhof van den A., Hurai V.
Basal thrusting fluids of thin-skinned Muráň nappe (Western Carpathians) – a combined stable isotope–fluid inclusion–cathodoluminescence study
- 05 **Naumov E.**, Airiyants A., Borisenko A., Borovikov A.
Origin of ore-forming fluids of epithermal deposits based on the data of helium isotope composition of fluid inclusions
- 06 **Sushchevskaya T.**
Fluid-rock interaction and chemical composition of fluids of the Iultin Sn-W deposit (from fluid inclusion, stable isotope and modeling data)

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CURRENT RESEARCH on MELT INCLUSIONS: PETROLOGY, VOLCANOLOGY and VOLATILES

- 01 **Andreeva I. & Kovalenko V.**
Magma compositions, formation conditions and genesis of the ijolites from the Belaya Zima carbonatite complex (eastern Sayan, Russia): evidence from inclusions in minerals
- 02 **Babanskiy A.**, Tolstykh M., Naumov V.
The diversity of magma compositions in the andesitic volcanoes of Kamchatka and the Kuril Islands: evidence from inclusions in minerals
- 03 **Berdnikov N. V.**
Fluid regime and P-T conditions of anorthosite from East-Asia Anorthosite Belt (Russia): Fluid and melt inclusion data
- 04 **Cecchetti A.**, Marianelli P., Sbrana A.
Neapolitan active volcanoes: a study of the medium-high pressure feeding systems through melt inclusions
- 05 **Chukanov N.V. & Sokolov S.V.**
Carbon- and hydrogen-bearing inclusions in minerals from the Kovdor massif
- 06 **Davidson P. & Kamenetsky V.**
Primary aqueous fluids in rhyolitic magmas: melt inclusion evidence for pre- and post-trapping exsolution
- 07 **Doroshkevich A.**
Nature of sulphates in carbonatite complexes of the West Transbaikalia
- 08 **Fulignati P.**, Marianelli P., Sbrana A.
AD 472 magma chamber of Vesuvius: Insights on volatile patterns from melt inclusion study
- 09 **Guzmics T.**, Szabo C., Bali E. Kovacs I., Ntaflós T.
S-bearing phosphorous carbonatite melt inclusions in alkali clinopyroxenite xenoliths from lamprophyre dikes (Transdanubian Central Range, Hungary)
- 10 **Harangi S.**, Lukacs R., Czuppon G., Ntaflós T., Mason P.
Magma mixing in a silicic magma chamber: inferences from silicate melt inclusions
- 11 **Hurai V.**, Konecny P., Hurai V.
Fluids and melts during Miocene-Pliocene charnockitization of deep lower continental crust in the Pannonian Basin
- 12 **Kamenetsky M.**, Kamenetsky V., Crawford A., Chung S-L.
Diverse primary melts from deep mantle sources evidenced by olivine-hosted melt inclusions in the Emeishan flood basalts

- 13 **Kuzmin D. & Sobolev A.**
Boundary layer does not affect composition of melt inclusions larger than 20 µm in polyhedral olivine phenocrysts
- 14 **Marianelli P., Massare D., Métrich N., Cecchetti A., Scaillet B.**
Determination of molar absorptivities for the infrared absorption bands of hydrous species in K-phonolitic glasses from Vesuvius (Italy)
- 15 **Naumov V., Grib E., Leonov V., Tolstykh M.**
Chemical composition, volatile, and trace elements of magmas from Karymsky Volcanic Center (Kamchatka): evidence from melt inclusions
- 16 **Naumov V. & Kamenetsky V.**
Salt melt inclusions in chromium diopside of Inagly Ore Deposit (Yakutia, Russia)
- 17 **Nikogosian I., van Bergen M., Vroon P., Mason P.**
Unravelling the diversity of magma sources below central-southern Italy with melt inclusions: mineral chemistry as a key
- 18 **Ortega L., Barrenechea J.F., Luque F.J., Rodas M., Nikogosian I.**
Silicate melt degassing as precipitation mechanism of epigenetic graphite: evidence from melt and fluid inclusions
- 19 **Panina L.**
Liquid immiscibility for carbonatite melts: evidence from inclusions in perovskite
- 20 **Panina L., Sharygin V., Usoltseva L.**
Silicate melt inclusions in volcanic rocks of the Maimecha-Kotui province, Polar Siberia, Russia
- 21 **Pavlova G., Borovikov A., Borisenko A., Kuchkin A., Fadda S., Fiori M., Grillo S.**
Fluid and melt inclusions in porphyry-epithermal system of Furtei gold deposit (Sardinia, Italy)
- 22 **Petrushin E., Sharygin V., Bazarov L., Gordeeva V.**
The entrapment of melt inclusions during the growth of leucite crystals: melting experiments with orendite from leucite hills, USA.
- 23 **Pintea I.**
Microthermometry of the magmatic foam glass inclusions in minerals from “Dej Tuff”, Transylvania Basin, Romania
- 24 **Rickers K., Thomas R., Heinrich W.**
The chemical evolution of a water-, B- and F-rich granite-pegmatite system related to a Sn-W mineralization: a melt/fluid inclusion study
- 25 **Salvioli-Mariani E., Renzulli A., Serri G., Holm P.M., Toscani L.**
Glass-bearing crustal xenoliths (Buchites) erupted during the recent activity of Stromboli (Aeolian Islands)
- 26 **Sharygin V., Di Muro A., Madyukov I.**
Crystallization temperature of haüyne from phonolite (ULST, E.Eifel, Germany) and haüynophyre (Vulture volcano, Italy): evidence from silicate melt inclusions
- 27 **Sharygin V.**
Geochemistry of melt inclusions in apatite of the Molbo olivine-leucite lamproites, Aldan shield, Russia
- 28 **Sharygin V. & Stoppa F.**
Silicate melt inclusions in minerals of anorthite-wollastonite-clinopyroxene rock at Colle Fabbri (Italy)
- 29 **Sokolov S.V. & Chistyakova N.I.**
Cu-free djerfisherite from melt inclusions in peridot
- 30 **Timina T. & Sharygin V.**
Silicate melt inclusions in minerals of the Chiriy basalts, North Minusa depression, Khakasia, Russia

- 01 **Bourdet J., Pironon J., Levresse G., Tritlla J., Gonzalez-Partida E.**
Oil field crosscut by a salt diapir, consequences on fluid migrations: The case of CHUC oil field, Southern Mexico
- 02 **Bukowski K.**
Inclusion brine chemistry of the Badenian Halite Units from the East Slovakian Basin, Slovakia
- 03 **Jarmolowicz-Szulc K.**
Some aspects of petroleum migration in siliciclastic rocks: evidence from fluid inclusions
- 04 **Levresse G., Gonzalez-Partida E., Pironon J., Tritlla J., Priftuli E., Sanchez-Trejo A.**
High pressure oil filling as recorded in fluid inclusions: the case of POL Oil field, Southern Mexico
- 05 **Schubert F. & Toth T.M.**
Traces of hydrocarbon migration recorded by petroleum inclusions in fracture filling minerals of a fractured source rock (Madbi Formation, Yemen)
- 06 **Tishkina V., Lapina M., Karmanov N.**
Investigation of inclusions in noble opals of the Raduzhnoe deposit (Primorsky Region, Russia)
- 07 **Tritlla i Cambra J., Gonzalez-Partida E., Levresse G., Pironon J., Banks D.**
Fluid origin and "in situ" O.M. maturation at the La Encantada-Buenavista fluorite deposits, Coahuila, Mexico

- 01 **Al-Boghdady A.**
On the magmatic origin of Gabal Kamel Bif, South Western desert - Egypt
- 02 **Ayllón-Quevedo F., Rodriguez-Losada J., Martinez-Frias J.**
Fluid and mineral phases related to hydrothermal alteration in the "Arco de Taganana" (Tenerife, Canary Islands)
- 03 **Bakker R.J., Laponi F., Gasparrini M.**
Dolomitizing fluids in the Cantabrian Mountains: new ideas from improved analytical methods
- 04 **Barakat A., Marignac C., Boiron M-C., Cathelineau M.**
Geology and fluid characteristics of the Ourika and Bleida gold mineralizations (Maroc)
- 05 **Beurlen H. & Soares R.D.**
Fluid evolution during the formation of the quintos pegmatite in the Borborema province, NE-Brazil
- 06 **Carosi R., Montomoli C., Ruggieri G.**
Tectonic evolution and fluid inclusion data of the main central thrust zone in lower Dolpo (Western Nepal)
- 07 **Cathelineau M., Boiron M.C., Jeanningros A., Ruggieri G.**
Production of CO₂ and CH₄ during thermo-metamorphism and P-T-X conditions in the biotite zone of the Larderello geothermal field (Italy)
- 08 **Charef A. & Noronha F.**
The study of fluid inclusions trapped in carbonate associated to the main tectonic events in North Tunisia

- 09 **Dobes P.**
Hydrothermal uranium mineralization of Bohemian Massif (Czech Republic): Fluid inclusions, T-X constraints
- 10 **Elyas Y.K. & Manning D.**
Fluid inclusions study, another key to the history of tourmalinisation in the Chaviot granite, north east England
- 11 **Fulignati P., Ruggieri G., Liotta D., Brogi A., Dini A.**
Fluid migration through extensional structures: constraints from fluid inclusion analyses in the Boccheggiano-Montieri area (southern Tuscany, Italy)
- 12 **Giolito C., Ruggieri G., Gianelli G.**
Fluid evolution at Mt. Amiata geothermal system (southern Tuscany, Italy)
- 13 **Hu F.-F., Fan H.R., Yang J.-H., Zhai M.-G.**
Ore-forming fluid evolution and mineralizing age in the Rushan lode gold deposit, Jiaodong Peninsula of eastern China
- 14 **Jaques L., Noronha F., Bobos I.**
Fluids related with episyenitization of Hercynian Guarda Granite, Portugal
- 15 **Jarmolowicz-Szulc K.**
Mineralization problematics in a melange zone (the Bieszczady Mts., Poland)
- 16 **Kesler S.E., Gleason J.D., Reich M.**
Fluid Inclusion and Isotope Geochemistry of Bushveld-related MVT Mineralization, Transvaal Basin, South Africa
- 17 **Koehler J. & Markl G.**
Fluid inclusion studies in the Ivigtut intrusion, South Greenland
- 18 **López-García J.A., Barbero L., Villaseca C.**
Fluid Inclusion analysis as constraints to apatite fission track thermal modelling: an example from the Pb-Zn mineralization of the Toledo Shear Zone (Central Spain)
- 19 **Lüders V., Romer R.L., Pettke T., Gilg H.A.**
Fluid evolution at the Sweet Home Mine, Park County, Colorado
- 20 **Morales-Ruano S., Carrillo F.J., Morata D., Belmar M.**
Fluid inclusions in prehnite: the unusual case of La Serena area (Costal Range, Chile)
- 21 **Neumayr, Hagemann S., Banks D., Yardley B.**
Hydrothermal connectivity through time in an Archaean transcrustal fault zone network and implications for gold mineralization: the case of the Cadillac Tectonic Zone
- 22 **Padoan M. & Rossetti P.**
Preliminary petrography and fluid inclusions analysis of the hydrothermal veins from the El Callao Gold Mining District (Venezuela)
- 23 **Rakotovo P., Salvi S., Beziat D., Guillaume D., Moine B., Rakotondrazafy M.**
An epigenetic origin for the Archean Banded-Iron-Formation hosted gold deposits at Maevatanàna, Madagascar
- 24 **Ronchi L.H., Althoff F.J., Leite A.A.S., Weber M., Rojas J.N.L., Fuzikawa K.**
Fluid inclusion studies of the hydrothermally-altered gabbroic to dioritic granophyric sills at Carajás, Pará, Brazil
- 25 **Ronchi L.H., Lindenmayer Z.G., Araujo J.C., Petry K., Teixeira J.B.G.**
Geochemistry and fluid inclusions in quartz associated to the micaceous rocks from the Xingua granite, Rio Maria granite-greenstone terrain, Amazonian Craton
- 26 **Salze D., Boiron M.C., Richard L., Cathelineau M., Siozac N., Dubessy J.**
A fluid inclusion and geochemical modelling study of fluid-rock interactions in the Kalgoorlie gold deposits, Yilgarn Craton, Western Australia
- 27 **Sharma R. & Rao D.R.**
Fluid Generation and Sulphide Mineralization in Askot Crystallines, Northwest Himalaya, India

- 28 **Slobodnik M., Hurai V., Pudilová M., Kučera J., Král J.**
Syntectonic fluids associated with the Variscan thrust regime: a case study from the Moravo-Silesian Palaeozoic, Rhenohercynicum, Czech Republic
- 29 **Slowakiewicz M. & Bukowski K.**
Fluid inclusion studies on beryls from the Strzegom-Sobótka granitoid massif of the Sudety Mts., Poland
- 30 **Sousa M., Guedes A., Flores D., Charef A., Noronha F.**
Fluids associated with F-Ba-Pb-Zn mineralization of stratiform carbonate-hosted deposits: the examples of Hammam Zriba and Bou Jaber (Tunisia)
- 31 **Tecce F., Rossetti F., Faccenna C.**
Fluid flow and P-T conditions during accretionary complex formation: constraints from fluid inclusions from the Early Paleozoic Robertson Bay Terrane (North Victoria Land, Antarctica)
- 32 **Tomilenko A. & Kovyazin S.**
Composition and formation of corona structures around olivine in anorthosites from Korosten' Pluton, Ukrainian Shield: Mineralogy, geochemistry and fluid inclusions
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Fluid inclusions in Kianjavato emerald, Mananjary deposits, Madagascar
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Fluid inclusions associated with selenian polybasite from the Guanajuato mining District, Mexico
- 35 **Vasyukova O. & Fonarev V.**
Experimental reequilibration of synthetic H₂O-CO₂-CH₄ fluid inclusions under conditions of isobaric cooling and isothermal compression
- 36 **Verma P.**
Fluid evolution of Barite from deposition to recrystallization in Lesser Himalaya, India

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FLUIDS at EXTREME CONDITIONS: P - T - t

- 01 **Bilal A.**
Metasomatism by carbonate magma under the Arabic Plate - Carbonic inclusions
- 02 **Ferrando S., Frezzotti M.L., Neumann E.R., Peccerillo A., Dereje A., Gezahegn Y., Teklewold A.**
Characterisation of the lithosphere beneath the north western Ethiopian plateau: spinel lherzolites from Injibara (Lake Tana Province)
- 03 **Fu B. & Touret J.L.R.**
Fluid regime in Dabie-Sulu (China) eclogites and granulites: a comparison
- 04 **Kaindl R., Bakker R.J., Diamond L.W.**
Synthesis and re-equilibration of fluid inclusions in garnet
- 05 **Kamenetsky M., Sharygin V., Kamenetsky V., Golovin A., Sobolev A., Pokhilenko N., Sobolev N.**
Volatile-bearing components in the Udachnaya kimberlite: a view from olivine-hosted melt inclusions and melt segregations
- 06 **Tomilenko A., Kovyazin S., Pokhilenko N.**
Primary crystalline and fluid inclusions in garnet from diamondiferous eclogites from kimberlite pipes Mir and Udachnaya, Yakutia, Russia
- 07 **Urban M., Thomas R., Hurai V., Chovan M., Dianiška I.**
Extremely high-density CO₂-rich inclusions in polymetallic hydrothermal veins of the low-grade basement of the Gemicum unit, Western Carpathians