



PEG2017 Scientific programme

Venue: University of Agder, Gimlemoen 25A, Kristiansand

13 June 2017

18:00-23:00 Registration and Icebreaker at Agder Naturmuseum and Botanical Garden, Kristiansand, Gimleveien 23

14 June 2017

08:30 Shuttle bus from Radisson Blu Caledonian Hotel, Vestre Strandgate 7, Kristiansand downtown to Campus University of Agder, Grimlemoen 25

09:00-09:15 Welcome to PEG2017 and Announcements

09:15-10:00 Michael Wise Mineralogy and mineral chemistry of NYF-type granitic pegmatites

10:00-10:20 Lyudmila Kuznetsova Sources of rare element pegmatites with mixed LCT-NYF characteristics of the South Sangilen pegmatite belt, Tyva Republic, Russia

10:20-10:40 Adam Zachař & Milan Novák Distribution of intragranitic NYF pegmatites in the Třebíč Pluton, Moldanubian Zone, Czech Republic: a vertically zoned pattern

Coffee-break

11:00-11:20 Tom Andersen Crustal evolution and granitic magmatism in southwestern Fennoscandia: Backdrop to the pegmatite fields of southern Norway

11:20-11:40 Nanna Rosing-Schow, Axel Müller & Henrik Friis Composition and classification of mica from south Norwegian pegmatites

11:40-12:00 François Turlin, Anne-Sylvie André-Mayer, Olivier Vanderhaeghe, Félix Gervais, Abdelali Moukhsil, Fabien Solgadi, Pierre-Arthur Groulier & Marc Poujol Unusual LREE-mineralizations associated with pegmatitic granite dykes in the central Grenville Province

12:00-12:20 Emily D. Scribner, Jan Cempírek & Lee A. Groat Mineralogy and geochemistry of the Rau pegmatite group, Yukon Territory, Canada

12:20-12:40 Nenad Tomašić, Radek Škoda, Vladimir Bermanec & Marin Šoufek Gadolinite microfeatures constrained by pegmatite formation and alteration evolution

12:40-13:00 Sarah L. Hanson & Gary Zito Geochemical evolution of a pegmatite pocket containing epitaxial overgrowths of genthelvite on danalite cores

Lunch

14:30-15:00 Marcus T. Sweetapple Granitic pegmatites as mineral systems: examples from the Archaean

15:00-15:20 Ralf Schuster, Tanja Ilickovic, Heinrich Mali, Benjamin Huet & Albert Schedl Permian pegmatites and spodumene pegmatites in the Alps: Formation during regional scale high temperature/low pressure metamorphism

15:20-15:40 Andreas K.-O. Karlsson & Thomas Zack In situ Rb-Sr dating by LA-ICP-MS/MS, a novel and powerful method for pegmatite geochronology

15:40-16:00 Renate Barros, Julian F. Menuge & Thomas Zack Rb-Sr studies of spodumene pegmatites and associated rocks in Leinster, Ireland

16:00-17:00 Poster session with coffee

19:00-22:00 Optional dinner/drinks at M Beach Club, Kristiansand, Østre Strandgate 2A (costs to be covered by participants themselves)

15 June 2017		
08:30	Shuttle bus from Radisson Blu Caledonian Hotel, Vestre Strandgate 7, Kristiansand downtown to Campus University of Agder, Grimlemoen 25	
09:00-09:15	Announcements	
09:15-10:00	Encarnación Roda-Robles , Carlos Villaseca, Alfonso Pesquera, Pedro Pablo Gil-Crespo, Romeu Vieira, Alexandre Lima & Idoia Garate-Olave	From granites to highly evolved pegmatites: the case study of the Li-aplite-pegmatites from the Central Iberian Zone (Spain and Portugal) and its implications for the European Variscan Belt
10:00-10:20	Tanja Ilickovic , Ralf Schuster, Heinrich Mali, Peter Onuk & Monika Horschinegg	Genesis of spodumene pegmatites in the Austroalpine unit (Eastern Alps): isotopic and geochemical investigations
10:20-10:40	Alexandre Lima , Cátia Dias, Filipa Dias, Sara Leal, Tania Martins, Romeu Vieira & Fernando Noronha	A GIS approach to lithium exploration in the Barroso-Alvão area, northern Portugal
Coffee-break		
11:00-11:20	Mona-Liza C. Sirbescu	Comparative fluid chemistry of internally-zoned pegmatites
11:20-11:40	Monika K. Rusiecka & Don R. Baker	The effect of boron on the solubility of monazite in pegmatitic melts – experimental approach
11:40-12:00	Johanna Van Daele, Niels Hulsbosch, Stijn Dewaele, Marie-Christine Boiron, Kris Piessens & Philippe Muchez	The Rwamagana-Musha-Ntunga pegmatite-quartz vein field (East Rwanda): identification of mixing processes between magmatic-hydrothermal and metamorphic fluids.
12:00-12:20	Niels Hulsbosch , Rainer Thomas, Marie-Christine Boiron, Stijn Dewaele, Kris Piessens & Philippe Muchez	The petrogenetic significance of melt inclusions in tourmaline of muscovite - rare-element pegmatites: a mineralogical and compositional characterisation.
12:20-12:40	Matthew C. Taylor , J. Blue Sheppard & James N. Walker	A sol-gel model for the petrogenesis and internal evolution of granitic pegmatites: evidence from quartz
12:40-13:00	Dariusz Malczewski , Maria Dziurowicz, Tomasz Krzykawski & Antoni Stryjewski	^{222}Rn and ^{220}Rn emanations from zircon crystals collected in Norway pegmatites: a comparison with specimens from other global locations
Lunch		
14:15-15:00	Alessandro Guastoni , Giorgio Pennacchioni & Luciano Secco	The Tertiary pegmatite field of the Central Alps (Italy and Switzerland)
15:00-15:20	Jakub Výravský , Radek Škoda & Milan Novák	Kristiansenite, thortveitite and ScNbO_4 : Products of Ca-metasomatism of Sc-enriched columbite-(Mn) from NYF pegmatite Kožichovice II, Czech Republic
15:20-15:40	Johan Kjellman	ABC ₂ O ₈ – a new look on the crystal chemistry and classification of samarskite group minerals
15:40-16:00	Pavel Uher , Peter Bačík & Jana Fridrichová	Beryl in the West-Carpathian granitic pegmatites, Slovakia: compositional variations and post-magmatic alteration products
16:00-16:20	Pietro Vignola , Michele Zucali, Nicola Rotiroti, Gaia Marotta, Andrea Risplendente, Matteo Boscardin & Vittorio Mattioli	The chrysoberyl- and phosphate-bearing granitic pegmatite of Malga Garbella, Val di Rabbi, Trento province, Italy.
16:20-16:40	Øyvind Sunde , Henrik Friis & Tom Andersen	Trace-element distribution in primary wöhlerite from nepheline syenite pegmatites in the Larvik plutonic complex, Oslo Rift, Norway
18:00-24:00	Conference dinner at Klubbens Selskapslokaler, Kristiansand, Vestre Strandgate 8	

Posters	
Elena Badanina & Liudmila Syritso	The various conditions and mechanisms of critical metals (Li, Cs, Ta, W, REE) concentration in rare-element granites and pegmatites from Russia
Hartmut Beurlen, Dwight R. Soares, Rainer Thomas & Marcelo Reis R. da Silva	"Parelhas Quartzites": B- and Li-source of possibly anatetic rare-element class pegmatites in the Borborema Province in NE- Brazil?
Thomas W. Buchholz, Alexander U. Falster & William B. Simmons	Rare earth element mineralization in a rediscovered pegmatite in the Stettin Complex, Wausau Syenite Complex, Marathon County, Wisconsin, USA
Alla Dolgopolova, Reimar Seltmann, Chris Stanley, Robin Armstrong, Fernando Noronha, Violeta Ramos, Alexandra Guedes, Beth Simons, Gavyn Rollinson, Jens Andersen & Wolfgang Reimer	Mineralogical study of the Gonçalo Li-pegmatite deposit, Portugal
Alexander U. Falster, William B. Simmons & Karen L. Webber	An unusual perhamite-pollucite-lepidolite-fluorapatite-quartz assemblage in the Emmons pegmatite, Greenwood, Oxford Co., Maine, USA: implication for the origin of this unusual paragenesis
Tomáš Flégr, Lukáš Zahradníček & Milan Novák	Contrasting textures and compositional evolutions of primary and secondary (metasomatic) tourmalines from elbaite-subtype pegmatites Píkárec and Řečice: Moldanubian Zone, Czech Republic
Idoia Garate-Olave, Axel Müller, Encarnación Roda-Robles, Pedro Pablo Gil-Crespo & Alfonso Pesquera	Quartz as a petrogenetic monitor of the evolution of the Tres Arroyos granite-pegmatite system (Badajoz, Spain)
Javier García-Serrano, Encarnación Roda-Robles, Carlos Villaseca & William B. Simmons	Fe-Mn-(Mg) distribution in primary phosphates and silicates, and implications for the internal evolution of the Emmons rare-element pegmatite (Maine, USA)
Alessandro Guastoni, Paolo Gentile, Fabrizio Nestola & Federico Zorzi	Pb-rich agardite-(Y) and Pb-rich agardite-(Nd) from miarolitic granite of Cuasso al Monte, Varese province, (Southern Alps, Italy).
David Kaeter & Julian F. Menuge	Rare-element mineralization and metasomatism in LCT pegmatites from Leinster, SE Ireland
Dariusz Malczewski, Maria Dziurowicz & Olga Hélia Esen	Basic spectroscopic characterization of an unknown metamict phase from Tuften quarry, Larvik area, S Norway
Marcelino Moiana	The expression of the late-stage calcium influx in the Licungo Pegmatite Field, Zambézia, Mozambique
Axel Müller, Adam Szuszkiewicz, Sławomir Ilnicki & Krzysztof Nejbert	Quartz chemistry of the Julianna pegmatites and their wall rocks, Piława Góra, Poland: implications for the origin of pegmatite melts
Milan Novak, Gadas Petr, Kocáb Jan	Secondary beryl in cordierite/sekaninaite pseudomorphs – an indicator of elevated content of beryllium in the precursor
Delia Ortega, Encarnación Roda-Robles & Alexandre Lima	The Li-rich Alto da Misarela pegmatite (Barroso-Alvão field, Portugal): Petrography, mineralogy and relationship to the Variscan magmatism
Adam Pieczka, Bożena Gołębiowska, Eligiusz Szelęg & Adam Szuszkiewicz	Bob Fergusonite from the Szklary pegmatite, Poland, and its relation to other bobergusonites
Alexander Potrafke, Roland Stalder & Karel Breiter	OH-defects in quartz: Application to igneous bodies
Encarnación Roda-Robles, Alfonso Pesquera, Pedro Pablo Gil-Crespo, William B. Simmons & Alexander Falster	Textural and chemical variations of garnet and apatite recording the internal evolution of the Berry-Havey rare-element pegmatite (Maine, USA): preliminary results
Luis Sánchez Muñoz, Adolfo del Campo & José F. Fernández	Raman and Rayleigh scattering microscopy of textures and microstructures of alkali feldspars from pegmatites
Christian Schmidt	Is cassiterite in pegmatites always magmatic? Constraints from experiments using in situ Raman spectroscopy
William B. Simmons & Alexander U. Falster	Garnet layer replacement of almanditic garnet by löllingite from the Havey pegmatite, Poland, Androscoggin Co., Maine, USA
Krzysztof Szopa, Monika Kusiak, Aleksandra Gawęda, Kamila Banasiak, David Chew, Daniel J. Dunkley, Tsuyoshi Iizuka, Janusz Janeczek, Patrik Konečný, Tomasz Krzykowski & Keewook Yi	Monazite-(Ce) from the Skalna Brama Pegmatite (the Sudety Mts, Poland) as potentially new reference material for U-Pb geochronology
Adam Szuszkiewicz, Adam Pieczka, Bożena Gołębiowska, Małgorzata Dumańska-Słowiak, Mariola Marszałek & Eligiusz Szelęg	Chemical composition of pieczkaite-hydroxyapatite minerals from Szklary, SW Poland: Taxonomic and genetic implications.
Karen L. Webber, Alexander U. Falster & William B. Simmons	Interaction of basaltic melt with gem tourmaline miarolitic cavities in the Havey pegmatite, Poland, Androscoggin County, Maine, USA
Adam Włodek & Adam Pieczka	Mineral chemistry of the zigrasite – malhmoodite series from the granitic pegmatite at Lutomia (Góry Sowie block, SW Poland)