
SCIENTIFIC PROGRAMME
9 – 11 June

Oral session – 9 June

- 8 h 45 – 9 h 00 Opening address
- From the regional record towards the correlations
from Iberia ... to the Bohemian Massif**
- 9 h 00 – 9 h 15 **EGUILUZ L., SARRIONADÍA F., MARTÍNEZ-TORRES L.M., CARRACEDO M., GIL-IBARGUCHI J.I.:** Variscan evolution of the Ibero-Armorican Belt.
- 9 h 15 – 9 h 30 **AERDEN D., SAYAB M.:** Porphyroblast inclusion trail: the key to Variscan correlations between Iberia, Armorica and beyond.
- 9 h 30 – 9 h 45 **DIAS DA SILVA Í., GONZÁLEZ-CLAVIJO E., DÍEZ-MONTES A.:** Lateral escape tectonics in the Variscan Orogen: A new approach for the emplacement of the Allochthonous terranes and for the birth of the Central Iberian Orocline.
- 9 h 45 – 10 h 00 **MARTÍNEZ CATÁLAN J.R., GONZÁLEZ CLAVIJO E., MEIRELES C., DÍEZ FERNÁNDEZ R., BEVIS J.:** Detrital zircon U-Pb ages in Variscan syn-orogenic deposits of NW Iberia: Relationships between sedimentation and emplacement of the Allochthon.
- 10 h 00 – 10 h 15 **GÓMEZ-BARREIRO J., DURÁN OREJA M., MARTÍNEZ CATALÁN J.R., GONZALEZ CLAVIJO E., DIEZ MONTES A.:** The sole thrust of the Lower Allochthon to the west of the Morais Complex (Portugal): Correlation with the Lalín-Forcarei thrust in the Órdenes Complex (Spain).
- 10 h 15 – 10 h 30 **RUBIO PASCUAL F.J, MARTÍN PARRA L.-M, DÍEZ MONTES A., DÍEZ FERNÁNDEZ R., GALLASTEGUI G., VALVERDE VAQUERO P., RODRÍGUEZ FERNÁNDEZ L.R., HEREDIA N.:** Metamorphic records of partial subduction and continental collision in and around the parautochthon of the NW Iberian Massif.
- 10 h 30 – 11 h 00 *coffee*
- 11 h 00 – 11 h 15 **RIBEIRO M.A., AREIAS M., FERREIRA J., MARTINS H., SANT'OVAIA H.:** Geological and petrological constraints on the variscan evolution of the NW area of Port-Viseu Belt.
- 11 h 15 – 11 h 30 **PÉREZ-CÁCERES I., MARTÍNEZ POYATOS D.J., FERNANDO SIMANCAS J., AZOR A.:** Structural and geochronological advances in the Variscan evolution of SW Iberia
- 11 h 30 – 11 h 45 **COCHELIN B., CHARDON D., DENÈLE Y., GUMIAUX C., LE BAYON B.:** Variscan strain field and kinematics of the Pyrenees.
- 11 h 45 – 12 h 00 **LEMIRRE B., DE SAINT BLANQUAT M., DUCHÊNE S., POUJOL M.:** Signification of the late-Variscan high temperature event: a view from the Pyrenees.
- 12 h 00 – 12 h 15 **KRETSCHMER S., FRANKE W., WEMMER K., KÖNIGSHOF P., GERDES A.:** Tectono-metamorphic evolution of the Mouthoumet Massif (S-France): interference of orogenic accretion and anorogenic crustal extension.
- 12 h 15 – 12 h 30 **FAURE M., ROSSI P., LI X., FRÉVILLE K., MELLETON J., LIN W.:** Variscan orogeny in the Eastern Variscan Branch: New structural and geochronological insights from Corsica and surrounding areas.
- 12 h 30 – 14 h 00 *Lunch*
- 14 h 00 – 14 h 15 **FRÉVILLE K., FAURE M., TRAP P., MELLETON J., BLEIN O., LI X.:** Petro-structural evolution of the Belledonne massif: Implications for the Variscan orogenic evolution.

- 14 h 15 – 14 h 30 **KUNZ B.-E., MANZOTTI P., VON NIEDERHÄUSERN B., BURN M., GIUNTOLI F., ENGI M.:** Permian high-temperature metamorphism in continental units of the Western Alps (Italy).
- 14 h 30 – 14 h 45 **OKAY A.I., TOPUZ G.:** Variscan orogeny in the Pontides, northern Turkey.
- 14 h 45 – 15 h 00 **ARETZ M., HERBIG H.-G.:** The palaeogeographical position of the Eastern Moroccan Meseta in Mississippian times: new data and model from the Jerada Massif (NE Morocco).
- 15 h 00 – 15 h 15 **WERNERT P., ŠTÍPSKÁ P., CHOPIN F., SCHULMANN K., BOSCH D., BRUGUIER O., EL HOUICHA M., CORSINI M., GHIENNE J.-F.:** Tectonometamorphic evolution of the intracontinental orogeny exemplified by the Rehamna massif (Morocco, Variscan belt).
- 15 h 15 – 15 h 30 **PEŘESTÝ V., LEXA O., JEŘÁBEK P.:** The effect of rheology on the strain partitioning in the crustal section at the western margin of the Teplá-Barrandian Unit.
- 15 h 30 – 16 h 00 *Coffee*
- 16 h 00 – 16 h 15 **FRIEDEL C.-H., HUCKRIEDE H., LEISS B., ZWEIG M.:** Sedimentary vs. tectonic mélanges - a case study from the Harz Mountains (eastern Rhenohercynian Belt).
- 16 h 15 – 16 h 30 **RAHIMI G., MASSONNE H.-J.:** Petrology and age-dating of a Variscan garnet-bearing micaschist from the northern Fichtelgebirge, Germany.
- 16 h 30 – 16 h 45 **BAPTISTE J., MARTELET G., FAURE M., BECCALETTO L., PERRIN J.:** Up-to-date regional gravity and aeromagnetic data to unravel the geological patterns of the pre-Mesozoic substratum of the Paris Basin.
- 16 h 45 – 17 h 00 **EDEL J.-B., SCHULMANN K.:** Paleomagnetic constraints on the evolution of the Variscan belt in Carboniferous-Permian times.
- 17 h 00 – 17 h 30 **BALLÈVRE M.:** How fresh-water bivalves record the growth and collapse of the Variscan belt.

10 June

From pre-Variscan heritage to Variscan oceans & arcs

- 8 h 45 – 9 h 00 **LINNEMANN U.:** The Cadomian orogen: constraints of timing, orogenic zoning, and crustal growth based on U-Pb and Hf isotopes of detrital and magmatic zircon.
- 9 h 00 – 9 h 15 **EGUILUZ L., MARTÍNEZ-TORRES L.M., SARRIONADÍA F., CARRACEDO M., GIL-IBARGUCHI J.I.:** The Ibero-Armorican Belt: an evolving island-arc along northern Gondwana between ca. 650 and 480 Ma.
- 9 h 15 – 9 h 30 **DE POULPIQUET J.:** Is the magnetic Ibero-Armorican arc the trace of a Cambro-Ordovician aborted rift ?
- 9 h 30 – 9 h 45 **CHELLE-MICHOUC., LAURENT O., MOYEN J.-F., BLOCK S., GARDIEN V., PAQUETTE J.-L., COUZINIE S.:** New U-Pb and Hf zircon data from the eastern Massif Central: From Gondwana to Pangea in a nutshell.
- 9 h 45 – 10 h 00 **MOYEN J.-F., COUZINIE S., MINTRONE M., VANDERHAEGHE O., CHELLE-MICHOUC., LAURENT O., BLOCK S., GARDIEN V., PAQUETTE J.-L., ZEH A., POUJOL M.:** Rifting the Gondwana: record of a ultra-thinned continental margin in the French Massif Central.
- 10 h 00 – 10 h 15 **AERTGEERTS G., LORAND J.-P., MONNIER C., LAHONDÈRE D., LA C.:** New petrological constraints on amphibolites and serpentinised peridotites from the variscan Champtoceaux Complex, southern Armorican Massif, France.
- 10 h 15 – 10 h 45 *Coffee*
- 10 h 45 – 11 h 15 **DEWEY J.:** Ophiolite Enigma resolved ?
- 11 h 15 – 11 h 30 **FRANKE W.:** Variscan oceans: how many, where and when ?
- 11 h 30 – 11 h 45 **GUTIÉRREZ-ALONSO G., FERNÁNDEZ-SUÁREZ J., HENDERSON B., PASTOR-GALÁN D., LÓPEZ CARMONA A., MURPHY J.-B., WEIL A.B., PEREIRA M.F., FERNÁNDEZ-LOZANO J.:** Another model for the Western Europe Paleozoic Variscan evolution: questioning redundant subduction and oceans.
- 11 h 45 – 12 h 00 **ZURBRIGGEN R.:** Metagreywacke gneiss terranes rich in peraluminous granitoids -indications for a unique type of early Paleozoic orogeny.
- 12 h 00 – 12 h 30 **LABROUSSE L., DURETZ T., GANZHORN A.-C., GERYA T.:** Partial melting and continental subduction: coupling metamorphic reactions and collisional dynamics.
- 12 h 30 – 14 h 00 *Lunch*

Subduction & HP metamorphism

- 14 h 00 – 14 h 30 **WARREN C., MOTTRAM C.-M., MCDONALD C.-S., REGIS D.:** Progress and pitfalls in linking age to stage in metamorphic rocks.
- 14 h 30 – 14 h 45 **LOTOUT C., PITRA P., POUJOL M., RUFFET G., TONDELLA E., VAN DEN DRIESSCHE J.:** Variscan subduction of an Ordovician granite : the Lévézou Massif, French Massif Central.
- 14 h 45 – 15 h 00 **LI B., MASSONNE H.-J.:** P-T evolution of Variscan high-pressure rocks from the Northern Malpica-Tuy shear zone in NW Spain.

- 15 h 00 – 15 h 15 **LÓPEZ-CARMONA A., ABATI J., PITRA P., LEE J.-K.-W., GUTIÉRREZ-ALONSO G., FERNÁNDEZ-SUÁREZ J.:** High-pressure rocks in the Variscan belt of Western Europe: the Malpica-Tui Complex (NW Iberian Massif).
- 15 h 15 – 15 h 30 **THIÉRY V., ROLIN P., DUBOIS M., GONCALVES P.:** New UHP evidences from the inner part of the Variscan belt: geology of the Chavanon sequence, French Massif Central.
- 15 h 30 – 16 h 00 *Coffee*

From collision to collapse of the orogen

- 16 h 00 – 16 h 15 **REGORDA A., MAROTTA A.-M., RODA M., LARDEAUX J.-M., SPALLA M.-I.:** Effects of mantle hydration and viscous heating on the dynamics of mantle wedge in a subduction system: differences and similarities of 2D model predictions with examples from the Variscan crust.
- 16 h 15 – 16 h 30 **MAIEROVÁ P., SCHULMANN K., GUILLOT S., LEXA O., ŠTÍPSKÁ P., ČADEK O., JANOUŠEK V.:** Linking PT evolutions of Bohemian Massif and Tibetan granulites through numerical modelling: insight to geodynamics of internal orogens.
- 16 h 30 – 17 h 00 **HASALOVA P.:** Pervasive melt flow in the continental crust: examples from Variscan Orogeny.
- 17 h 00 – 17 h 15 **CRUCIANI G., FRANCESCHELLI M.:** Amphibole-bearing migmatite from NE Sardinia (Italy) and its constraints on Variscan partial melting.
- 17 h 15 – 17 h 30 **TEYSSIER C., WHITNEY D.L., ROGER F., REY P., TRAP P.:** Coeval eclogitization and migmatization during orogenic collapse (Montagne Noire dome).

11 June

Granite magmatism & ore genesis

- 8 h 45 – 9 h 15 **CASTRO A., PEREIRA F., FERNÁNDEZ C., JANOUSEK V.:** Granite magmatism of the European Variscan belt. An overview.
- 9 h 15 – 9 h 30 **BROSKA I., PETRÍK I., BEZÁK V.:** Genesis and tectonic evolution of the West-Carpathian Variscan granites.
- 9 h 30 – 9 h 45 **COUZINIE S., LAURENT O., MOYEN J.-F., ZEH A., VEZINET A., VILLAROS A.:** Mg-K magmatic suites as a tool to scan the composition of the Variscan orogenic mantle, case studies from the French Massif Central.
- 9 h 45 – 10 h 00 **LAURENT O., COUZINIÉ S., VANDERHAEGHE O., ZEH A., MOYEN J.-F., VILLAROS A., GARDIEN V.:** U-Pb dating of Variscan igneous rocks from the eastern French Massif Central: southward migration of coeval crust- and mantle- melting witnesses late-orogenic slab retreat.
- 10 h 00 – 10 h 15 **KRONER U., ROMER R.-L., HALLAS P., STEPHAN T.:** Extrusion tectonics from an intracontinental subduction zone: The late orogenic granites of the Saxo-Thuringian Zone.
- 10 h 15 – 10 h 45 *Coffee*
- 10 h 45 – 11 h 00 **STEPHAN T., HALLAS P., KRONER U., BUSKE S.:** Crustal-scale 3D modelling of the Allochthonous Domain of the Saxo-Thuringian Zone: constraints from high-resolution 2D seismic profiles.
- 11 h 00 – 11 h 15 **TOPUZ G.:** Early to Late Carboniferous granite and gabbro intrusions in the eastern Pontides and its relations with the Variscan Orogeny in the Central Europe.
- 11 h 15 – 11 h 30 **MELLETON J., GLOAGUEN E.:** Timing of rare-elements (Li-Be-Ta-Sn-Nb) magmatism in the European Variscan belt.
- 11 h 30 – 12h 00 **GLOAGUEN E.:** Ore deposits around the Ibero-Armorican arc and their relations to the Variscan orogeny.
- 12 h 00 – 12 h 30 *Concluding discussion*
- 12 h 30 – 14 h 00 *Lunch*

POSTER SESSION – 9-11 June

AGUILAR C., MONTSERRAT L., RECHE J., ŠTÍPSKÁ P., SCHULMANN K., MUÑOZ J.A., CASAS J.M., POWELL R.: Open-system processes during decompression: An example from contact aureole migmatites from the Roc de Frausa Massif (Eastern Pyrenees).

AVIGAD D., ROSSI P., GERDES A.: Origin of "Pan-African" micaschist from Variscan Corsica: detrital zircon U-Pb-Hf constrains on provenance and Cadomian paleogeography.

BALLOUARD C., POUJOL M., JOLIVET M., DUBOIS C., HALLOT E., BOULVAIS P., TARTÈSE R., DABARD M.-P., RUFFET G.: Geochronological and thermochronological constraints on the Carboniferous magmatism of the Armorican Massif: from the source to the exhumation.

BOUENITELA V., BALLÈVRE M.: Migmatite xenoliths and garnet xenocrysts in the Pouldu microgranitic dykes: (Southern Armorican Domain, western France): a window into the lower crust.

CALASSOU T., ZÁVADA P., SCHULMANN K., HASALOVÁ P., ŠTÍPSKÁ P.: Microstructural and anisotropy of magnetic susceptibility records of a granite intrusion in Bohemian massif (Central Sudettes, Variscan orogenic belt).

CASINI L., MAINO M., CUCCURU S., FUNEDDA A., OGGIANO G., PUCCINI A., ROSSI P.: Early Permian necking of the Corsica-Sardinia massif.

CHARDON D., ROQUES., ARETZ M.: Kinematic reappraisal of nappe tectonics and late orogenic sedimentation in the Southern French Massif Central.

COKE C., DIAS R., AMARAL F., ROMÃO J., RIBEIRO A.: Cambro-Ordovician unconformities in the Central Iberian zone: extensional or compressional process ?

DIAS R., MOREIRA N., RIBEIRO A.: Dextral strike-slip tectonics in Iberia and the Pangeia Assemblage: evidences of the Tardi-Variscan Deformation event in South Portuguese Zone.

DIAS R., RIBEIRO A., COKE C., MOREIRA N., ROMÃO J.: Central Iberian Arc : just a model ?

DUCHÊNE S., SAMALENS N., SEVERAC J.-L., DRIOUCH Y., NTARMOUCHANT A., DAHIRE M.: A window to the crust below Moroccan Massif Central: high temperature crustal xenoliths trapped in Permian lavas.

SEGHIR E.M., EL OUARDI H., LINDHORST J., CHAPONNIERE P., KAMBUROV D.: The structural control of the tin mineralisation at the Bou El Jaj project (NE of the central Hercynian massive).

FRANCESCHELLI M., MARCELLO F., CRUCIANI G., MONTOMOLI C., CAROSI R., PUXEDDU M.: A review of Variscan metamorphism and deformation in northern Sardinia, Italy.

FRIEDEL C.-H.: Geothermobarometry of very low-grade Devonian metabasalts of the Elbingerode Complex (Harz Mountains, Germany) - implications of chlorite and phengite composition.

GALY C., VANDERHAEGHE O.: When a partially molten orthogneiss meets a syntectonic granite along the Northern flank of the Canigou massif, Axial Zone of the Pyrenees.

JANAK M.: Variscan metamorphic evolution of the Western Carpathians: Tatric and Veporic units.

KARAOUI B., EL OUARDI H., MAHMOUDI A.: Evidence of E-W dextral shear zones in the Bas Draâ inlier (Western Anti Atlas, Morocco): Macro - to microtectonic arguments and geodynamic implications.

LOM N., CAN ÜLGEN S., ÖZGÜL N., SUNAL G., İŞSEVEN T., NATAL'IN B.A., CELÂL ŞENGÖR A.M.C.: The eastern extent of the Hercynian orogenic belt: The history of the Istanbul Zone before and during the assembly of the Pangea.

LÓPEZ-CARMONA A., RUBIO PASCUAL F.J., ARENAS R.: P-T constraints in the internal domains of the Variscan Orogen through pseudosection modelling: the Barrovian section of Somosierra (Central Iberian Massif).

- MANZOTTI P., BALLÈVRE M., POUJOL M.:** Detrital zircon geochronology in blueschist facies meta-conglomerates from the Western Alps: implications for the late Carboniferous to early Permian palaeotopography.
- MOREIRA N., PEDRO J.C., ROMÃO J., DIAS R., ARAÚJO A., RIBEIRO A.:** The Neoproterozoic-Cambrian transition in Abrantes Region (Central Portugal): Lithostratigraphic correlation with Cambrian Series of Ossa-Morena Zone.
- NARDIN E., CHARDON D., ARETZ M., BERGER J., POUJOL M.:** Ordovician reorganization of the European Gondwana: Towards an integrated magmatic - sedimentary - structural scheme across the Variscan domain.
- PEREIRA I., DIAS R., BENTO DOS SANTOS T., MATA J.:** Figueira de Castelo Rodrigo – Lumbrales Anatectic Complex (Iberia): the role of shearing on exhuming high grade rocks.
- POCHON A., GAPAIS D., GUMIAUX C., BRANQUET Y., GLOAGUEN E., CAGNARD F., MARTELET G.:** Geographical and lithological relationships between high-density magnetic lithologies and Variscan Sb ± Au mineralizations in the Armorican belt (France).
- ROMER R.-R., KRONER U.:** Chemical character of Variscan granites of the Saxo-Thuringian Zone.
- SIMAN P., HIRATA T.:** I - Type tonalite Evolution: new isotopic and geochronological ICP-MS/TIMS data interpretation from the Central Western Carpathians, Slovakia.
- SOARES A., DIAS R.:** Fry and RF/Φ strain methods constraints and fold transection mechanisms; an example of progressive deformation in the Iberian Variscides.
- STREMTAN C.C., RYAN J.G., SAVOV I.:** Mantle-crust interaction recorded in the latest Variscan plutons of the Romanian Southern Carpathians.
- THIÉBLEMONT D.:** High-Sr - Low-Yb (“adakitic”) Namuro-Westphalian peraluminous granites from South-Brittany: evidence for high-pressure crustal melting at the “collapse stage” of the Variscan orogen.
- TRAP P., CENKI-TOK B., ROGER F., RABIN M., FRÉVILLE K., CARRY N., PAQUETTE J.-L.:** Strain partitioning during migmatitic dome formation in the Variscan Montagne Noire massif (Southern French Massif Central).
- WAFIK A., TRAORE K., NZAOU MABIKA N., SAQUAQUE A.:** Contribution to the geological and metallogeny study of Bakoudou Golden Ore Deposit (Gabon).
- ZÁVADA P., JEŘÁBEK P., HASALOVÁ P., RACEK M., KONOPÁSEK J., LEXA O.:** Extrusion of anatectic lower crust from orogenic infrastructure: an example from the Eger crystalline unit (Bohemian Massif, Czech Republic).
- ZUCALI M., SPALLA I., RODA M., ZANONI D.:** Pre-Alpine contrasting tectono-metamorphic evolution within the Southern Steep Belt (Central Alps).