
SCIENTIFIC PROGRAMME

13 – 15 September

Day 1: Thursday 13 September

8 h 30 – 9 h 00 Opening address of organisers

Philippe MATTE symposium: The Palaeozoic orogeny at the global scale: the state-of-the-art

9 h 00 – 9 h 30 **Trond TORSVIK** (Center for Geodynamics, Trondheim, Norway)
Palaeozoic plate organisation from paleomagnetic perspective

Sutures, plates and microplates in Western and Central Europe

9 h 30 – 9 h 50 **Philippe MATTE** (University of Montpellier II, France)
Strike-slip thrusting, “en échelon” folding, horizontal stretching parallel to the trend of the Variscan belt in northern Iberia: the origin of the Ibero-Armorican arc

9 h 50 – 10 h 10 **José R. MARTINEZ-CATALAN** (University of Salamanca, Spain)
A rootless suture and the lost roots of a mountain chain: the Variscan belt of NW Iberia

10 h 10 – 10 h 30 **José Fernando SIMANCAS** (University of Granada, Spain)
Relationships of SW Iberia with NW Iberia and the Moroccan Variscides

10 h 30 – 10 h 50 **Terry ENGELDER** (Pennsylvania State University, USA)
The Alleghanian orogeny of the Appalachian Mountains

10 h 50 – 11 h 10 *Coffee break*

11 h 10 – 11 h 30 **Manuel SINTUBIN** (University of Leuven, Belgium)
Early Palaeozoic orogenic events north of the Rheic suture (Brabant, Ardenne): a state-of-the-art

11 h 30 – 11 h 50 **Robin SHAIL** (Cambron School of Mines, Cambron, UK)
Latest Carboniferous - Early Permian extensional reactivation of the inverted Rhenohercynian passive margin of SW England

11 h 50 – 12 h 10 **Uwe KRONER** (Bergakademie Freiberg, Germany)
Assembling of Armorican terranes during the Variscan orogeny - A view from the allochthonous domain of the Saxothuringian Zone

12 h 10 – 12 h 30 **Jürgen VON RAUMER** (University of Fribourg, Switzerland)
The Variscan Basement in the Alps

12 h 30 – 12 h 50 **Stéphane GUILLOT** (University of Grenoble, France)
Evidence for a main Paleozoic suture zone in the External Crystalline Massifs, Western Alps, the contact between Armorica and Gondwana ?

13 h 00 – 14 h 00 *Lunch*

14 h 00 – 14 h 20 **Wolfgang FRANKE** (University of Frankfurt, Germany)
Not only thrusting: major strike-slip displacements in Variscan Europe.

14 h 20 – 14 h 40 **Michel BALLEVRE** (Geosciences Rennes, France)
Paleozoic evolution of the Armorican massif: from Gondwana break-up to continental collision.

14 h 40 – 15 h 00 **Michel FAURE** (Institut des Sciences de la Terre, Orléans, France)
Polycyclic Variscan orogeny recorded in French Massif Central

15 h 00 – 15 h 30 *Coffee Break*

The Urals and Central Asian Variscides

15 h 30 – 15 h 50 **Viktor PUCHKOV** (Institut of Geology, Russia)
Orogeny in the Urals: Timing and Mechanics

15 h 50 – 16 h 10 **Dmitriy V. ALEXEIEV** (Academy of Science, Moscow, Russia)
Variscan kinematics of the Ural and Tian Shan junction area

16 h 10 – 16 h 30 **Valentin BURTMAN** (Academy of Science Moscow, Russia)
Paleozoic tectonics of the Tien Shan and Pamir

16 h 30 – 16 h 50 **Bo WANG** (Nanjing University, China)
Paleozoic southward subduction, accretion and collision of microcontinents in the west part of the Chinese Tianshan

17 h 00 – 19 h 00 *Poster session*

19 h 00 – 23 h 00 *Cocktail and gala dinner*
Allocation of the PRUVOST Prize to Philippe MATTE
BRGM Restaurant

Day 2: Friday 14 September

Mechanics of Variscan orogeny

The deep structure and evolution of the Variscan lithosphere

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| 8 h 30 – 8 h 50 | Vladislav BABUŠKA (Geophysical Institute, Academy of Science, Prague, Czech Republic)
Role of mantle lithosphere in Variscan orogeny - seismic anisotropy perspective |
| 8 h 50 – 9 h 10 | Ramón CARBONELL (Instituto Ciencias de la Tierra Jaume Almera, Spain)
Constraints on the lithosphere across the Variscan orogen of SW-Iberia from dense wide-angle seismic reflection data |
| 9 h 10 – 9 h 30 | Čestmír TOMEK (University of Salzburg, Austria)
Central parts of the Bohemian Massif revisited: New interpretation of deep reflection seismic line 9HR in West and South Bohemia |
| 9 h 30 – 9 h 50 | Jean-Bernard EDEL (EOST Strasbourg, France)
Paleomagnetic constraints on the evolution of the Variscan belt in Carboniferous times |
| 9 h 50 – 10 h 10 | Bruno MINGUELY (University of Lille, France)
The geometry of the northern Variscan thrust front in the Artois area (Northern France): Insight from seismic imaging and 2.5-D gravity modelling |
| 10 h 10 – 10 h 30 | <i>Coffee Break</i> |
| 10 h 30 – 10 h 50 | Michel CORSINI (University of Nice, France)
The southern European Variscan belt: an analog of the Himalayan syntaxes ? |
| 10 h 50 – 11 h 10 | Ondrej LEXA (University of Prague, Czech Republic)
Mechanisms of exhumation of orogenic lower crust in Variscan belt |
| 11 h 10 – 11 h 30 | Giacomo OGGIANO (University of Sassari, Italy)
Long lived dextral strike-slip tectonics in the southern Variscan Belt: evidences from two synkinematic intrusions of North Sardinia (Italy) |
| 11 h 30 – 11 h 50 | Stanislav ULRICH (Geophysical Institute, Academy of Sciences, Prague, Czech Republic)
Peridotites of the Moldanubian domain, Bohemian Massif – their nature, strain history and emplacement mechanisms to a granulitized crust |
| 12 h 00 – 13 h 30 | <i>Lunch</i> |
| 13 h 30 – 13 h 50 | Michael BROWN (University of Maryland, USA)
Geodynamic Regimes and Tectonic settings for Extreme Metamorphism: Neoproterozoic to Paleozoic |
| 13 h 50 – 14 h 10 | Jiří KONOPÁSEK (Czech Geological Survey, Prague, Czech Republic)
Contrasting Early Carboniferous field geotherms recorded in granulites and eclogites of the central Erzgebirge: evidence for accretion of a thickened orogenic root and subducted Saxothuringian crust |
| 14 h 10 – 14 h 30 | Pablo VALVERDE-VAQUERO (Instituto Geológico y Minero de España, Madrid, Spain)
The “Hot Orogen” Two Separate Variscan Low-Pressure Metamorphic Events In The Central Iberian Zone |

- 14 h 30 – 14 h 50 **Pavel PITRA** (Geosciences Rennes, France)
Metamorphic conditions of the Variscan collision inferred from metasomatic shear zones (Ile d'Yeu, Armorican Massif, France)
- 15 h 10 – 15 h 30 **Vojtěch JANOUŠEK** (Czech Geological Survey, Prague, Czech Republic)
Age, geotectonic setting and petrogenesis of Variscan calc-alkaline plutonism in Central Europe – examples from the Central Bohemian Plutonic Complex, Czech Republic
- 15 h 30 – 16 h 00 *Coffee Break*

Dating, Geochemistry and Metallogeny

- 16 h 00 – 16 h 20 **Vincent BOUCHOT** (BRGM Orléans, France)
The Variscan orogenic gold deposits of the french Massif central as markers of a differential exhumation rates recorded at 310-300 Ma
- 16 h 20 – 16 h 40 **Pilar MONTERO** (University of Granada, Spain)
Zircon U-Pb and Pb-Pb geochronology of the Cambro Ordovician Ollo de Sapo formation and related magmatism (central Iberian-zone, Spain)
- 16 h 40 – 17 h 00 **Michael BRÖKER** (University of Munster, Germany)
Protolith ages of eclogites and granulites from the Orlica-Śnieżnik complex (West Sudetes, Poland): results of an ionprobe U-Pb zircon study
- 17 h 00 – 17 h 20 **Bernhard SCHULZ** (Bergakademie, Freiberg, Germany)
EMP monazite dating of P-T evolution in the French Massif Central Variscan inverted metamorphic series of Haut Allier and La Sioule
- 17 h 30 – 19 h 00 *Poster session*

Day 3: Saturday 15 September

Contrasted tectonic styles in the different zones of the belt

8 h 30 – 8 h 50	António A. ARAÚJO (University of Evora, Portugal) Transected Folds with opposite patterns in Terena Formation (Ossa Morena Zone, South Portugal)
8 h 50 – 9 h 10	Pilar CLARIANA (Instituto Geológico y Minero de España, Spain) Presence of large north-verging folds in the eastern sector of Pallaresa massif and the western sector of Hospitalet dome: main features and tectonic implications. Andorra, central Pyrenees
9 h 10 – 9 h 30	Koen VAN NOTEN (University of Leuven, Belgium) Early vein generations in the High-Ardenne slate belt (Belgium, Germany): the earliest manifestations of the Variscan orogeny?
9 h 30 – 9 h 50	Hervé VAN BAELEN (University of Leuven, Belgium) Evidences for late-orogenic collapse in the northern external part of the Central European Variscides (High-Ardenne slate belt, Belgium)
10 h 00 – 10 h 20	<i>Coffee Break</i>
10 h 20 – 10 h 40	Rodolfo CAROSI (University of Pisa, Italy) The interplay between deformation and metamorphism in collisional orogens: an example from the Variscan Basement of Sardinia (Italy)
10 h 40 – 11 h 00	Jordi CARRERAS (University of Barcelona, Spain) Tectonic regimes in the NE-Iberian segment of the Variscides: regional implications for the belt zonation
11 h 00 – 11 h 20	António RIBEIRO (University of Lisbon, Portugal) Mechanics of thick- skinned Variscan overprinting of Cadomian basement (Iberian Variscides)
11 h 20 – 11 h 40	Jochen MEZGER (Universitat Halle-Wittenberg, Germany) Orogen-parallel extension: strain partitioning around mantled gneiss domes - implications from the Axial Zone of the Pyrenees
12 h 00 – 15 h 00	<i>Picnic and Discussion</i>
15 h 00 – 16 h 00	<i>Closure of the meeting</i>