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 Appalachain 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 Freiburg, 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

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 Čestmir 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 Coffee Break

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 Lunch

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 subduct-ed 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 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  Coffee Break

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  Picnic and Discussion

15 h 00 – 16 h 00  Closure of the meeting