

Structural Geology in a Changing World: Tectonics, Resources, and Sustainable Transitions

22-24 July 2026
Alisa Hotel, Accra, Ghana

Advancing knowledge in structural geology and tectonics through global expertise and dialogue.

- Leading geoscientists from around the world will deliver 45-minute presentations over three days, sharing cutting-edge insights and experience.
- Graduate students from across Africa will showcase their research in dedicated poster sessions, fostering exchange between emerging and established experts.
- The program is designed to create space for discussion, collaboration, and the sharing of new ideas.
- Training courses and workshops will take place before and after the conference, providing additional hands-on learning opportunities.



Conference Sub-Themes

Day 1: Large-Scale Geodynamics & Tectonics

Day 2: Structural Geology, Geophysics, Geochemistry

Day 3: Applications to Resources

Student Posters

The conference will provide sponsorship for students to travel to Accra and present their research. Poster sessions will take place every day.

Training Courses / Workshops

- Digital Field Mapping: Tools and Workflows to Manage and Exploit Geological Datasets in QGIS.
- Geophysical inversion: from traditional deterministic to advanced stochastic frameworks.
- Structural Geophysics - geological interpretation of regional geophysical data.
- Tectonics of sedimentary basins.
- Geophysical inversion: from traditional deterministic to advanced stochastic frameworks.
- The Cognitive Revolution in Minerals Exploration “Human cognition in the age of AI”

Sponsorship

The conference will bring together international geoscientists, industry stakeholders, and top postgraduate students from across Africa, providing sponsors with valuable visibility,



Conference Speakers

DAY 1- Large-Scale Geodynamics & Tectonics

Abderrahmane Bendaoud: Structure and geodynamic evolution of the lithosphere beneath the Hoggar Shield: Constraints derived from petrological, geochronological and geophysical studies.

Delores Robinson: Recent Advances in Fold Thrust Belts.

Guillaume Duclaux: Whole Earth numerical modelling

Tolulope Olugboji: Crustal tomographic inversion.

Uwe Kirscher: Paleomagnetism methods old and new.

Lenka Baratoux: Tectono-metamorphic evolution of the West African Craton.

Abigail Enyonam Ayikwei: Structures of the Volta Basin from top to bottom.

DAY2 - Structural Geology, Geophysics, Geochemistry

Paul Bons: Anisotropy matters in rocks and ice.

Manish Mamtani: Multiscale fabric data from deformed rocks – meso to nano scale analysis.

Sandra Piazolo: Sustainable Geoenergy.

Caroline Tiddy: A career in geoscience.

Nicolas Thebaud: Isotopes as tectonic markers or exploration targeting.

DAY3 - Applications to Resources

Linda Laccheri: Magmas and metals.

Tarryn Cawood: Deformation, mineral deposits, and resources for the green energy.

Mark Lindsay: Structural Geology & Data Analytics.

Yan Bourassa: The importance of recognizing gold timing at the deposit scale in West-Africa. Examples from the Ashanti and Oumé-Fettékro belts and their impact on exploration strategy.

Daniel Apau: TBC

Gerald Adda: TBC

Kofi Eghan Nkum Ekuban: TBC

Registration Fees - All tickets provide access to the full three-day conference.

Registration information: <https://agate-project.org/IASTG-conference/>

Early Bird up to	Company	Individual / Government / Academic
Early Bird	USD 650	From Africa USD 50 Other USD 300
Regular	USD 750	From Africa USD 60 Other USD 400
Students	All students are required to complete the online registration of interest form available on the Agate-Project website.	

Conference Sponsors:

Platinum Sponsor: **Asante Gold Corporation**

Partners:

