

35[™] IGC REGISTRATION NOW OPEN!

27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA

September 2015



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REGISTRATION FEES AND HOW TO BOOK

Super early bird registration for the 35^{TH} IGC is now open. Delegates may register online and make payment via a credit card, or EFT/Swift transfer after requesting an invoice.

How to register?

Registration for the congress should be done using the <u>online registration</u> system. No manual registrations will be available.

To qualify for the current registration rates, registration with payment must be made by 1 November 2015. Should payment not be received, your registration category will automatically change to the later category, and the registration fee will be adjusted accordingly.

CONGRESS REGISTRATION FEES (INCLUDING 14% VAT)

Category	Super Early-bird	Early-bird	Standard	Late / Walk in
	1 Sept - 1 Nov	2 Nov - 31 May	1 June	27 August
Registered Student Young Earth Scientist (YES) member Pensioners >65	R 5 500.00	R 6 500.00	R 8 000.00	R 9 000.00
Delegate	R 8 500.00	R 10 000.00	R 11 000.00	R 13 500.00
Exhibitor staff	R 5 000.00	R 5 000.00	R 5 000.00	R 5 000.00
Accompanying person	R 2 500.00	R 2 500.00	R 2 500.00	R 2 500.00
Welcome reception guest ticket	R 500.00	R 500.00	R 500.00	R 500.00

SCIENTIFIC PROGRAM AND CALL FOR ABSTRACTS

SUBMIT-AN-ABSTRACT: www.35igc.org/Verso/211/Submit-an-Abstract. Abstract submissions will close 31 January 2016.

The scientific programme is developing at a rapid pace – the framework of the scientific programme comprises 3 core topics and 49 themes, the details of which are now illustrated on the website <u>theme pages</u>. Themes are being convened by some 180 expert geoscientists drawn from over 30 countries world-wide. Current themes include:-













resourcing future generations

GEOSCIENCE FOR SOCIETY

- Geoheritage and Conservation
- Geoscience Education and Public Communication
- Climate Change Studies
- Groundwater and Hydrogeology
- Soil Science
- Geoscience Data and Information Systems
- Public Sector Geoscience and Geological Surveys
- Geohazards
- Proximal and Remote Sensing Technologies
- History of the Geosciences
- Medical Geology
- Global Geoscience Professionalism and Geoethics
- Geoscience Benefitting Low-income Countries
- Environmental Geoscience
- Engineering Geology and Geomechanics

FUNDAMENTAL GEOSCIENCE -

- Sedimentary Processes Ancient to Modern
- Basin Formation and Continental Margins
- A Dynamic Earth
- The Deep Earth
- The Hadean and Archaean Earth
- The Proterozoic Earth
- Geochronology
- Isotope Geoscience
- Planetary Sciences and Meteorite Impacts
- Magmatism Settings, Compositions and Processes
 - Metamorphic Processes
 - Mineralogy
 - Evolution of the Biosphere and Biogeoscience
 - Marine Geosciences and Oceanography
 - Arctic and Antarctic Geoscience
 - Surficial Processes and Landscape Evolution
 - Volcanology
- Rock Deformation and Structural Geology
- Palaeontology and Palaeo-anthropology
- Instrumental, Experimental and Laboratory-based Developments in the Geosciences
- Phanerozoic Earth History, Stratigraphy and the Geologic Time Scale

GEOSCIENCE IN THE ECONOMY -

- Mineral Resources Evaluation, Geostatistics and Mathematical Geoscience
- Mineral Exploration
- Mineral Deposits and Ore Forming Processes
- Gold mineralizing systems
- Coal
- Petroleum Systems and Exploration
- Unconventional Hydrocarbons and Emerging Fuels
- Energy in a Carbon Constrained World
- Applied Mineralogy and Geometallurgy
- Mining Geology and Earth Resource Engineering
- The Urban Mine
- Critical Metals a Global Perspective
- Resourcing Future Generations

Over 220 symposia have now been proposed and have been incorporated into the framework of these themes – THEME CHAMPIONS WILL CONTINUE TO DEVELOP THE SLATE OF SYMPOSIA AS A FUNCTION OF THE NATURE AND CONTENT OF ABSTRACT SUBMISSIONS AS THEY COME IN.













PROFESSIONAL DEVELOPMENT WORKSHOPS AND SHORT COURSES

Workshop and short course registration will open in mid-January 2016. Proposal submission for workshops and short courses will close on 31 December 2015.

35TH IGC will host a number of cutting-edge workshops and short courses over two days, immediately prior to the start of the main Congress (27-28 August 2016). Topics for these 2-, 1- or half-day offerings can include, but are not limited to, subject matter spanning any of the scientific themes of the conference. This year, in addition to the traditional workshop and seminar format, the Scientific Programme Committee introduces Field Forum Workshops where participants meet in a particular field area and where lectures and discussion can take place adjacent to relevant field exposures. By conducting these forums with access to a particular field area (e.g. the Barberton Greenstone Belt), facilitators and participants will be able to extend debate and discussion to actual outcrops. The Committee envisages that these Field Forums could also be held at sites where comprehensive drill core collections are stored.

Highlights of the current workshop and short course program include:

• Understanding the role of groundwater in 21st Century:

The role of groundwater as a global resource is increasing dramatically as a result of rapid population increase and development. This is particularly true in Africa where water infrastructure is limited to a few urbanized areas and groundwater is a vital resource for vast rural populations. Groundwater is also the sole source of water supply for arid and semi-arid areas. However, due to the lack of understanding of these resources, the risks of exploitation, misuse and pollution are increasing from the municipal, agricultural, industrial and mining sectors. In this workshop, participants will deliberate, discuss and debate various issues currently at the forefront of hydrogeological research and policy-making, both globally and on the African continent. A diverse selection of debates and discussions will be scheduled for this two-day workshop.

• The SEG Gold Workshop: Gold Deposits – Their Geology, Geochemistry and Genesis:

This workshop is for geologists from academia and industry who want to improve their understanding about the geology and genesis of gold deposits. The course will provide a comprehensive overview of all aspects of the geology of gold ores in both arc environments and metamorphic terranes. Aspects of the geology, geochemistry, mineralogy, alteration, structure, tectonics, and exploration approaches will be covered for the main gold deposit types of interest to explorationists.

• Economic Geology 101:

This is a one-day course designed to introduce geologists to the discipline of economic geology, in terms of opportunities for career paths and for academic research. The delivery would comprise a series of short modules on a range of ore deposit topics, from the scale of global metallogeny to deposit characteristics. A range of experts around the world will prepare the module content.



• Field Forum – The Evolution of Early Archaean Granitoid-Greenstone Terranes:

There are currently major controversies surrounding the evolution of early Archaean granitoidgreenstone terrains that relate to a basic understanding of ancient tectonic regimes and the style of mantle convection driving these regimes. A 5-day field workshop centered in Badplaas, in the southern Barberton Mountain Land, South Africa, is an ideal venue to explore these issues, because this area exposes some of the most important parts of Earth's oldest geological record. This workshop will be organized jointly by the 35TH IGC and the German Priority Project SPP1833 entitled "Building a Habitable Earth". Organizers and principal field guides will be Axel Hofmann, Alfred Kröner and Martin Van Kranendonk.











Major issues that will be addressed in this Field Forum through site visits and workshop discussions include:

- Generation of Archaean TTGs in general and in the Barberton-Swaziland terrain in particular.
- Origin of bimodal sequences in Archaean greenstone belts, with particular reference to the Barberton Theespruit/Sandspruit sequence.
- Tectonic setting of early Archaean volcano-sedimentary successions and deformation mechanisms.
- Record of Archaean surface processes.
- Widespread metamorphic events at 3.2 Ga in the Barberton-Swaziland terrain and assessment of PT conditions during metamorphism.

Please see a detailed outline for this Field Forum on the 35TH IGC website.

• Geoscience Information for Teachers (GIFT):

The GIFT workshop, aimed principally at High School Teachers, will be held over two days and will be run Prof. Carlo Laj from the Committee on Education of the European Geosciences Union. The first day will be devoted to discussions around Natural Hazards, potential threats to humans that begin within and are transmitted through the Earth's natural environment, including the lithosphere, hydrosphere, atmosphere and biosphere. The second day will be devoted to Mineral Resources, which is a theme particularly important for African countries.

A full listing of the currently accepted professional development workshops and short courses appears below and a content summary for each workshop is provided <u>here</u>. It will be necessary to register in advance for all workshops and fees apply. Workshop fees and information on how to register will be released in early November 2015.



- 1 Infrared core imaging: an emerging technology for geological and mining applications.
- 2 Trace Constituents in Coal: Occurrence, Emissions, and Environmental Impact
- 3 Skills for Sustainability Effective Application of Geology to International Development
- 4 Field workshop on the evolution of early Archaean granitoid-greenstone terranes
- 5 Developing Europe's International Observatory for Raw Materials
- 6 Geologic Mapping Techniques
- 7 Social Responsibility for Geoscience Education
- 8 Single-polarized, Multi-polarized and Polarimetric Radar Images: Theory and Applications
- 9 GIS-based mineral prospectivity modelling
- 10 Gold Deposits: Their Geology, Geochemistry, and Genesis
- 11 Geoscience Information for Teachers (GIFT)
- 12 Economic Geology 101
- 13 Drilling Methods Short Course

We welcome additional suggestions. If you, as an individual or an organization, wish to present a relevant workshop or short course please <u>click here</u> to submit your motivation. Workshop and Short Course proposals close on 31 December 2015

For any queries, please contact Grant Bybee at grant.bybee@wits.ac.za









BUSINESS MEETINGS

A large part of the 35^{TH} IGC programme will be devoted to Business Meetings of the different Associated- and Affiliated Organization of the IUGS. However, in order to successfully organize this part of the programme, we need you to book such a meeting through the 35^{TH} IGC website, at the following link.

**Meetings held at venues within the CTICC after 17h00 will attract rental charges.

Any queries in this regard can be directed to:

Danie Barnardo (barnardo@geoscience.org.za) or Juanita van Wyk (juanitaw@geoscience.org.za).

FIELD TRIPS

To view the provisional selection of field trips offered on the website visit

http://www.35igc.org/Verso/173/Field-Trips. These have been reviewed after consideration of the logistical and cost implications.

 35 South African and 17 African trips are proposed. The seven-day, trans-continental train geo-safari from Cape Town to Victoria Falls is already attracting interest.

The selection of trips offered:

Include 12 one-day excursions in the Cape Town vicinity, as well as 17 field trips in Namibia, Botswana, Angola, Tanzania, Mali, Zambia and Ghana. Aspects of the geology of South Africa will be covered by 35 field trips.

- All tours will operate with a required minimum number of people and on designated dates only.
- Rates will be published prior to the opening of Early Bird registration.
- Full pre-payment in advance is required.
- As the availability and schedule of the suppliers cannot be guaranteed, the organisers reserve the right to change the proposed list without prior notice.

ACCOMMODATION IN CAPE TOWN

Critical Dates

Accommodation bookings and payment will open in **November 2015**. Accommodation bookings and payment will close in **August 2016**.

We have negotiated preferential rates for conference delegates/exhibitors - all bookings have to be done via the conference secretariat to qualify for these reduced rates.

ACCOMPANYING PERSONS PROGRAM

Accompanying person registration for the 35TH IGC is now open. Delegates may register online and make payment via a credit card, or EFT/Swift transfer after requesting an invoice.

How to register?

Registration for the congress should be done using the online registration system www.35igc.org/Verso/60/Registration. No manual registrations will be available.

Accompanying person registration fee of R2500 per person includes:

- Orientation and Welcome
- Orientation Pack including a Small Gift
- Access to Spouses Lounge with Water, Tea/Coffee
- 1 x Tour (details to follow)
- Attendance at the Welcome Reception
- Excludes access to the Congress sessions and exhibition

STIPLE AND STIP

• Excludes access to the Gala Dinner









GEOHOST SUPPORT PROGRAM

GeoHost is a support scheme that aims to provide financial support for attending the 35TH IGC to selected young earth scientists from around the globe, or eligible geoscientists who live and work in low-income countries. Financial support obtained by the 35TH IGC through sponsorship or funding mechanisms will be utilised to assist young geoscientists (inclusive of YES participants) and deserving geoscientists from low-income countries to participate in the 35TH IGC as full delegates. Applications close 31 January 2016. To find out more on eligibility and how to apply, go to www.35igc.org/Verso/41/GeoHost. Any further queries can be directed to Bertus Smith at

bertussmithgeohost@gmail.com.

CALL FOR SPONSORSHIPS

The Organising Committee of the 35TH International Geological Congress extends an invitation to organisations and individuals to participate in this special event as a sponsor.

Since potential sponsors have different objectives, requirements and budgets, a number of sponsorship options have been made available, allowing sponsors to choose their particular requirements. Interested parties are encouraged to view these options. However, should the proposed opportunities not suit your company needs, please contact the organisers to discuss alternatives.

Please note that sponsorship packages are allocated on a 'first come first served' basis - our liaison team will ensure that sponsors receive the maximum return on their investment and the agreed level of exposure.

Once again, we encourage you to visit our website and/or contact the Sponsorship Chair, <u>Mike Wuth</u> for more information.



CALL FOR EXHIBITORS

The Organising Committee of the 35TH International Geological Congress extends an invitation to organisations and companies to participate in the event by securing an exhibition stand.

Visit our website or contact Professional Congress Organiser, Lesley Ferreira.

ZIGHAR ISY/

Forty percent of the available stands have been sold!

Stand No.	Organisation		
A1	International Association for Mathematical Geosciences		
A10	Commission For The Geological Map Of The World		
B2	GTK/Projects In Kyrgyzstan And Tajikistan		
B10	Set Point Laboratories		
C12	Geological Society of America		
C14	The Geological Society of London		
C16	Beak Consultants GmbH		
C18	American Geophysical Union		
C30	DMT Kai Batla Pty Ltd		

continued...







Stand No.	Organisation		
C29	F. W. Breithaupt & Sohn GmbH & Co. KG		
D3	Innov X Africa		
D4	Geo-Explore Store (Pty) Ltd		
D5	Activation Laboratories Ltd (Actlabs)		
D6	Spectral Evolution		
D7	SkyTEM		
D9	Xcalibur Airborne Geophysics Pty Ltd		
DD6	Leapfrog		
E9	Bartington Instruments Ltd		
E13	Resources for Future Generations 2018 (RFG)		
E14	Spatial Dimension		
EE1	Geosense		
EE4	Russian Geological Research Institute (VSEGEI)		
EE5	Russian Geological Research Institute (VSEGEI)		
EE9	BRGM - French Geological Survey		
F9	Vale Exploration		
F16	Prospectors Supplies Pty Ltd		
F21	AAPG		
FF1	Bruker		
FF2	WESTERNEX		
FF4	International Union of Geological Sciences		
FF5	International Union of Geological Sciences		
FF7	Geological Society of China		
FF8	Geological Society of China		
FF10	REFLEX		
G9	American Geosciences Institute		
G10	The Geological Society of South Africa		
GG1	Bundesanstalt für Geowissenschaften und Rohstoffe		
GG2	GFZ German Research Centre for Geosciences		
GG3	GFZ German Research Centre for Geosciences		
GG4	GFZ German Research Centre for Geosciences		
GG5	36th IGC Secretariat (the Geological Survey of India)		
GG6	Geological Survey of Norway		
GG8	Geological Survey of Norway		
H1	Zeenat Travels and Tours		

VOLUNTEER PROGRAMME

A call for expressions of interest to volunteer will be made during 2016, followed by an invitation to apply for registration as a volunteer. This will be for post-graduate students currently registered for Geoscience and related courses at educational institutions in South Africa and for retired geoscience practitioners.

At that time, further information will be provided regarding:

- full requirements to qualify
- details of the programme/schedule
- the tasks, duties and rules of conduct
- · details of participation in meetings and seminars
- working conditions and benefits
- training requirements

For additional information please contact Elna van Niekerk, the Volunteer Chair at **vniekhj@unisa.ac.za**.











SOCIAL MEDIA & COMPETITIONS

Expression of Interest Competition

In order to assist with planning 35TH IGC, we would appreciate your views and anticipated interests with respect to the Scientific Programme, Field Trips and all other aspects. Please participate in the <u>online survey</u> right away AND STAND TO WIN A FREE REGISTRATION FOR THE CONGRESS! Only fully completed surveys will be considered. The competition closes on 29th February 2016 and the winner of the draw will be announced on the 15th March 2016.

We have been gratified by the huge volume of conversation and comment that is already taking place in the social media between the members of the Organising Committee and thousands of prospective delegates. We encourage this interaction and hope that by the time the Congress starts we will all be old friends!

The 35TH IGC makes use of three main social media platforms: <u>Twitter</u>, <u>LinkedIn</u> and <u>Facebook</u>, as well as a blog on our <u>website</u> to keep delegates abreast of preparations for the 'Olympics of Geology'.

You are encouraged to use our social media platforms and to join the conversation. As an incentive, we are also offering one lucky Emailer, Tweeter or Facebook follower the chance to win a free registration.

FOLLOW THESE THREE SIMPLE STEPS TO ENTER:

- Follow us on <u>Facebook</u> or <u>Twitter</u>.
- 2 Tell us which newspaper has voted Cape Town as the best city in the world to visit. (scroll down on our Facebook page and Twitter feeds for the answer)
- Use the following sentence in a Tweet or as a post on our Facebook page: "I'm looking forward to #35IGC in Cape Town, voted by (insert name of newspaper) as the best city in the world to visit". Alternatively, email your answer to juanitaw@geoscience.org.za.

The winner of the draw will be announced 60 days prior to the start of the congress.





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