



**INTERNATIONAL COMMISSION ON THE HISTORY OF
GEOLOGICAL SCIENCES (INHIGEO)**

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**INHIGEO CIRCULAR 2021, Number 4
December 2021**

Dear INHIGEO members and friends,

Welcome to our December 2021 Circular. The present quarterly circular endeavours to bring you up to date with current developments and our plans for the coming year. It contains the 2nd circular to INHIGEO's next annual meeting in Les Eyzies (France) and two other calls for papers as well.

I'd like to use this opportunity to thank all those, who make sure that INHIGEO continues to be a strong and lively enterprise despite the difficulties of the pandemic, particularly our French colleagues, who are well in their way of organizing the next INHIGEO Annual Meeting.

There are several responses required from you: concerning membership ballot and country reports to our Annual Record. So please read the circular carefully and make sure to submit your responses before the deadlines.

Best wishes to all of you: stay safe!

Martina Kölbl-Ebert
INHIGEO Secretary General

47th INHIGEO SYMPOSIUM 2022 at Les Eyzies in southwestern France: Second circular

Dear Friends and Colleagues,

Here you will find further information about the next INHIGEO congress, which will take place at Les Eyzies, France, on September 16th to September 26th, 2022.

We ask you please to send us the **abstract** of your conference paper or poster **no later than February 15th, 2022**, following the model below, and forward it to the following address: france2022@inhigeo.com

The presentation of your abstract should include:

your name, surname,
Academic affiliation and title,
postal address, city and country
and e-mail address.

The abstract should have a short and explicit title, should be no longer than 300 words, with a maximum of 3 bibliographical references.

Please, write it in Arial 12 and line space 1; There is a model in the 2nd circular on the conference website.

If you would like to attend the conference without presenting a paper or as an accompanying person, please specify, and fill in the first lines of the form (name, function, addresses).

The cost of the conference registration will be around 420 euros, the pre-conference field trip 75 euros and post-conference field trip around 650 euros. For those who would register for all events, the total cost will thus be around 1100 / 1200 euros.

During the 5-day conference, the inaugural reception, all lunches and the final banquet will be covered by the registration fees, and so will be the mid-conference day trip to Lascaux and other local sites. Other evening meals and hotel reservations will be at your charge.

In our end-March circular we will provide, along with the exact amount of registration and field trip fees, a list of local accommodations with a large range of prices (starting from 40 euros), from simple rooms or shared apartments to more fancy hotels.

A program of visits for **accompanying persons** will be provided every afternoon. The one-day **pre-conference field trip** will start on September 16th from Poitiers. The conference will take place between September 17th and 21st at the Pôle international de Préhistoire in Les Eyzies de Tayac. The **post-conference field trip** will last for five days, from Sept 22nd to Sept 26th. The organization of this field trip will include all meals, accommodation on the basis of shared hotel rooms or apartments, and tickets to all visits, which will be as much as possible led by English-speaking guides. The conference will end in Bordeaux.

The conference and excursion programs are given in the conference website (www.inhigeo.com/france2022), which will be adjusted over time.

We hope that September 2022 will be a good time to travel safely. We are aware that the sanitary situation might lead us to change some aspects of this organization. We will observe it with attention, and will let you know. In any case, we will plan a reimbursement program if some of you are unable to attend. For those who will have difficulty to travel, we hope to be able to offer a hybrid format, with online streaming of the talks.

We forward you all our best wishes for the holiday, and among our wishes for a wonderful new year, we include the hope of meeting you in France on September 2022.

For the Organization Committee,

Claudine Cohen, Françoise Dreyer, Marie-Françoise Aufrère, Gaston Godard, Philippe Le Vigouroux, Pascal Richet, Philippe Taquet

For more information including the first two circulars see the conference website: www.inhigeo.com/france2022

History of Geology session at the 6th International Palaeontological Congress – From Gondwana to Laurasia, Thailand, 7–11 November 2022.

INHIGEO members Kathleen Histon (Ireland), Susan Turner (Australia) and Toshihiro Yamada (Japan) are organizing a history of palaeontology session at the upcoming 6th IPC on behalf of INHIGEO:

“Hidden histories revealed in scientific revision of palaeontological collections”

Description: Research in palaeontology in relation to scientific revision of palaeontological collections often leads us to work on historical documents and publications in order to reconstruct their stories. Many hours can be spent in museum collections, archives, libraries and online tracing original publications, the development of theories or techniques in palaeontology, disputes and discussion of taxonomic classification, biographies and correspondence between scientists, notes on specimens within collection boxes or museum records regarding their revision, transfer or loss. This documentation forms a fundamental part of a palaeontologist’s research and is often contained within a short paragraph on Previous Studies or under remarks on systematic descriptions within monographs and scientific papers as after all the main objective is to resolve the taxonomic issues and complete the systematic studies. In this IUGS International Commission on the History of Geological Sciences (INHIGEO) sponsored session we would like to provide a space for this research to be presented and highlight the interaction between history and palaeontology. Contributions on the aspects outlined above are welcomed.

Publication of papers from this INHIGEO session is planned as a Special Issue in the peer-reviewed journal Earth Science History.

Registration and Abstract submission to the congress are now open. Please visit <https://ipc6.msu.ac.th/>

SYMPOSIUM – Celebration of the Life of Julius von Haast, 30 April – 1 May 2022, Christchurch

Please find attached to this Quarterly Circular a Call for Papers to a Symposium commemorating the 200th anniversary of the birth of Sir Julius Haast, one of New Zealand’s leading geologists in the late 19th century. This is a hybrid meeting taking place onsite in Christchurch (New Zealand) as well as online. The **deadline for abstract submission is 27 February 2022:** haast200@canterburymuseum.com

Financial support to attend INHIGEO 2022 conferences

INHIGEO has limited **funds to support the attendance of students, early-career scholars and participants from poor countries to the INHIGEO Annual Meeting in Les Eyzies and to the IPC in Thailand** (see above).

Any student, post-doc, member/associate member from a poor country may apply for assistance by sending in an informal letter of application, a CV including list of geohistorical publications, if available. INHIGEO membership for students or post-docs is not required. Successful applicants will be expected to make a presentation at the conference.

All applications for financial assistance (normally 300 € per person) should be received by the Secretary General **no later than 31 March 2022**. The INHIGEO Board will decide as soon as possible and no later than mid-May.

INHIGEO Publications

IUGS Journal *Episodes*: the journal is open access, has a wide distribution and a relatively fast publication time. If you are interested in submitting contributions for publication under the headings below, please contact the INHIGEO Publications and Outreach Coordinator Kathleen Histon: hiscat@interfree.it

- a) The INHIGEO series on Classic Papers provides historical depths to modern geoscientific research. *The series established in 2000 has been well received and contributions to the series expanding the range of disciplines and geographical areas covered are requested.* INHIGEO members are encouraged to contribute papers as well as to identify topics.
- b) Individual articles on a diverse range of historical subjects: Papers should be of general interest, potentially interesting as well as entertaining, i. e. popular in the best sense of the word. They can also be review papers rather than specialist original research.
- c) Book reviews which promote books written by INHIGEO members are also welcome. Authors are invited to contact K. Histon at the email above with details of their new publications in order to arrange a review.

Two new reviews have just been published in the current issue of Episodes.

1) Rebels, Scholars, Explorers and

2) La Mujer en la Geologia

see https://www.episodes.org/journal/list.html?pn=current_issue

Anniversaries Series for the IUGS Website and E Bulletin: new papers published!

Shared Master (South Africa):

Symposium 50 years ago: "Symposium on Granites, Gneisses and Related Rocks of Rhodesia" (Salisbury, Rhodesia, 1971)

Fifty years ago, the Rhodesian Branch of the Geological Society of South Africa (GSSA), organized "Granite '71", properly entitled "Symposium on Granites, Gneisses and Related Rocks of Rhodesia". The Granite '71 symposium was one of the first international conferences devoted entirely to granites, gneisses and related rocks. However, in the early 1970s the

implications of the Plate Tectonics revolution in Earth Sciences had not yet filtered through into the world of granite studies in basement rocks.

IUGS E-Bulletin 178, September 2021;

http://www.inhigeo.com/anniversaries/MasterS_Granite.pdf

Kathleen Histon (Ireland):

Great Exhibition 170 years ago: Geology in the Crystal Palace Great Exhibition of 1851

In the mid-19th century public display of the geological sciences was mainly promoted by national academic institutions, scientific societies and museums. The Great Exhibition held in the Crystal Palace London in 1851 brought geology onto the international stage and presented it to the general public with examples from individual nations around the globe.

IUGS E-Bulletin 178, September 2021;

http://www.inhigeo.com/anniversaries/Histon_Crystal_Palace.pdf

Ezio Vaccari (Italy):

Geology of Mount Everest 100: Alexander Macmillan Heron - First Geological Survey of the Everest Region, 1921

In January 1921, during a meeting held in London, the Royal Geographical Society and the Alpine Club established a joint Everest Committee in order to organize the first reconnaissance expedition at Mount Everest. Alexander Macmillan Heron, born in 1884 near Edinburgh in Scotland, employed by the Geological Survey of India, was the geologist of the nine-member team, with the task to study a region about which nothing was known.

IUGS E-Bulletin 179, October 2021;

http://www.inhigeo.com/anniversaries/Vaccari_Heron.pdf

Martina Kölbl-Ebert (Germany):

Inge Lehmann Discovered the Inner Earth Core in 1936

In 1936, the Danish seismologist Inge Lehmann (1888–1993), suggested from the analysis of seismic P-wave data that the Earth must have an inner core – an important breakthrough in the understanding of the nature of the Earth’s interior.

IUGS E-Bulletin 180, November 2021;

https://www.inhigeo.com/anniversaries/INHIGEO_Koelbl_Ice_Core.pdf

John Diemer (USA):

Roderick Murchison’s Visit to Tcheketau Peak, Russia, 180 Years Ago

In 1845, Roderick Murchison, Edouard de Verneuil and Alexander von Keyserling published the two-volume book entitled *The Geology of Russia in Europe and the Ural Mountains* which reports on the results of two field seasons in Russia. In August of 1841, Murchison and his team were departing the Urals, when they decided to make a detour to inspect an unusual occurrence of limestone mountains surrounded by gypsum-bearing sandstones and marls near Sterlitamak. Murchison made a crucial observation on this excursion concerning the stratigraphic base of the Permian System.

IUGS E-Bulletin 181, December 2021;

https://www.inhigeo.com/anniversaries/INHIGEO_Diemer_Murchison.pdf

2022 INHIGEO Membership Ballot

The following annual election arrangements will operate for the 2022 membership ballot.

- The general membership is now asked for membership nominations with a **deadline date of 31 March 2022**.
- After the March deadline, the Secretary General will compile a dossier that is submitted to the Board for consideration during the period April–June 2021.
- The announcement of new members will take place in the June 2021 Circular with a welcome at the subsequent annual Business Meeting.

Under the current Terms of Reference, the INHIGEO Board may approve nominations as either a Full or Associate Member. INHIGEO Membership nominations supported by their country colleagues are preferred, although individuals may submit a direct nomination to the INHIGEO Secretary General.

Please find attached to this Circular an INHIGEO Membership Nomination Form.

Deadline for Annual Submission to the INHIGEO Annual Record

Your report to the Annual Record is required by **31 March 2022** so our “Record” can be issued by the middle of the year. Please note that some countries have a national co-ordinator who will assist with reporting. Finalized country reports should be sent to our editor: jadiemer@uncc.edu

Membership News

Mary C. Rabbitt History and Philosophy of Geology Annual Award

In October 2021, Steve Rowland (University of Nevada, Las Vegas, USA), current Vice President for North America of INHIGEO, received the GSA History and Philosophy of Geology Division’s Mary C. Rabbitt Award at the Geological Society of America annual meeting in Portland, Oregon. Presenting the award is (INHIGEO member) Renee Clary (left) and the citationist for the award former INHIGEO General Secretary Ken Bork (attending online).

The Mary C. Rabbitt History of Geology Award is presented annually by the Geological Society of America's History and Philosophy of Geology Division to an individual for exceptional scholarly contributions of fundamental importance to our understanding of the history of the geological sciences.

https://www.geosociety.org/GSA/about/awards/Division_Awards/GSA/Awards/Division.aspx



Obituary



Stuart Arnold Baldwin (2nd July 1930 – 20th September 2021)

Stuart Baldwin came relatively late to palaeontology and geology but made an enormous contribution to these and other natural history sciences in his supporting role as replica fossil maker and specialist book seller. His geologically unconventional background (electrical engineer, pharmacist, computer marketing) brought diverse skills and capabilities that made him unique and informed his appreciation of amateurs'

contributions to geology. Stuart had immense drive, commercial 'nous' and charm.

Although a book collector from a young age, he only came to geology aged 29 through an enthusiasm for fossils engendered by studying plants as part of his pharmacological studies. He became a fossil collector, joined the Geologists' Association (GA), and amassed a formidable fossil collection about which he lectured. While exhibiting his collection at an Association of Teachers of Geology conference, he recognised a need for teaching sets of fossils, and began to experiment with various materials to make exact replicas. He developed a silicone rubber for the molds and a resin for the casts initially using his own fossils. He located and borrowed or bought the best fossils he could find from various institutions and suppliers. The fossil replica business developed from 1969 as a cottage industry around his home village of Witham, Essex, employing housewives to make the resin casts in molds which he provided. His classroom sets of replica fossils will be familiar to many geology students, particularly those of the Open University (OU). Needing to finance the expansion of his new enterprise, he began to sell books from his library and so formed Baldwin's Scientific Books in 1977.

Stuart had immense energy, carrying on two small businesses, studying geology through the Open University, and raising a young family, while still in IBM's full employ. Perhaps unsurprisingly, IBM seconded Stuart to London's Enterprise Agency as a Small Firms Adviser in 1979, where he lectured and mentored until, taking his own entrepreneurial advice, became full time self-employed in 1981.

Through his book collecting and selling, and his search for the best fossils, Stuart's interest in the history of science and particularly earth science developed. He became an expert on the 17th century Essex naturalist, John Ray, writing a short monograph on Ray, self-published by Baldwin's Scientific Books, established in 1983. He was an early member of the History of Geology Group (HOGG, established 1994), convening a conference on the Role of the Amateur in Geology, in 2002. He supported several members with hard to find offprints and extracts of negligible commercial value but immense academic value in the days before PDFs. Stuart completed his Open University BA degree in 1998 and took great pleasure in entering the Guinness Book of Records as the slowest student, having taken 28 years to complete it.

Many geological bibliophiles will remember their visits to Fossil Hall, a redundant old peoples' day centre Stuart purchased from Essex County, to be greeted by his 'skeleton staff' suspended just inside the door. Initially Stuart opened it as a museum to exhibit his collection of more than 100,000 fossils and to sell replicas, but it had morphed into a specialist second hand and antiquarian bookstore by 1977. 'Retiring' in 1995 and selling the fossil replica business to the OU, Stuart continued to sell on-line and from home until about 2018. He kept bees and built a rare book collection on bee-keeping which he sold, then moved onto building a book collection on Egyptology. In his last years, he actively supported the successful fund-raising to secure the

Charles Lyell notebooks for the nation, now held in Edinburgh University Library, and the campaign to secure the Geological Society and other ‘courtyard societies in Burlington House, still unresolved at the time of writing.

Following his interests, Stuart joined numerous learned societies. In addition to the GA and HOGG, he was a member of the Geological Society of London, the Linnean Society, the Geological Curators Group, and the Royal Archaeological Group building a wide network of colleagues, clients and sources. Stuart will be missed. He leaves his wife Pamela and step-daughter Sue.

Publications:

Dinosaurs and their Relatives; Project Pack for Schools, 1983.

The Cardioceratidae, with John Callomon, 1985.

John Ray (1627-1705) Essex Naturalist, 1983.

Dinosaur Stamps of the World, with Beverley Halstead, 1991.

A Beginner’s Guide to Secondhand Bookdealing, 1999.

Charles Lyell; A Brief Bibliography, 2013.

(John Henry)

News from the IUGS

Dear colleagues,

IUGS President Prof. John Ludden has been leading a series of workshops in identifying ten priorities for tackling climate change. This was undertaken in Panmure House, Edinburgh, the home of Adam Smith the economist. James Hutton the famous geologist worked with Smith and the series is named the Hutton Series and follows an Enlightenment style debate which brings together science and engineering, business and government and the concerned public. The outputs are in a final report. We hope that the actions will be implemented and we expect IUGS as a geoscience organisation to contribute to thinking about how we as geoscientists will underpin the energy transition.

To review the final report, please click the link here:

<https://www.panmurehouse.org/programmes/hutton-series/series-reports-perspectives/hutton-series-on-climate-change-final-report/>

Best regards,

IUGS Secretariat

Change in Contact Details?

INHIGEO is a significant network which works efficiently only if the administration has your current contact details. If you change your email address, postal address or any other contact information please advise the INHIGEO Secretary General as soon as possible.

Contact Details of the Current INHIGEO Board

President: Prof. Ezio Vaccari (Italy) – ezio.vaccari@uninsubria.it

Past-President: Prof. Barry Cooper (Australia) – Barry.Cooper@unisa.edu.au

Secretary-General: Dr Martina Kölbl-Ebert (Germany) – M.Koelbl@lmu.de

Vice-President Africa: Dr Sharad Master (South Africa) – Sharad.Master@wits.ac.za

Vice-President Asia: Dr Toshihiro Yamada (Japan) – tosmak-yamada@muf.biglobe.ne.jp

Vice-President Australasia/Oceania: Carol Bacon (Australia) – gclota@trump.net.au

Vice-President Europe: Prof. Marianne Klemun (Austria) – marianne.klemun@univie.ac.at

Vice-President Latin America: Dr Maria Margaret Lopes (Brazil) –
mariamargaretlopes@gmail.com

Vice-President North America: Prof. Steve Rowland (USA) – steve.rowland@unlv.edu

Editor: Prof. John Diemer (USA) – jadiemer@uncc.edu

Web Master: Dr Johannes Mattes (Austria) – Johannes.Mattes@oeaw.ac.at

Ex officio (Publications and Outreach Coordinator): Dr Kathleen Histon (Ireland) –
hiscat@interfree.it

Next Circular

Dear INHIGEO members, you will receive the next circular with information updates around March 21st. Until then: Take care and stay healthy!

Kind regards
Martina Kölbl-Ebert



INHIGEO takes this opportunity to offer all its members
Season's Greetings

We wish you all a happy holiday period,
good health for you and your families
and a productive New Year in 2022

call for papers

SYMPOSIUM – Celebration of the Life of Julius von Haast
30 April – 1 May 2022, Christchurch



Rolleston Avenue
Christchurch 8013
New Zealand

P 64 3 366 5000
F 64 3 366 5622

www.canterburymuseum.com

Abstracts Invited for Sir Julius von Haast Bicentenary Conference
Deadline 27 February 2022

OVERVIEW

The **Celebration of the Life of Julius von Haast** symposium, to be held in Christchurch to mark the 200th anniversary of Haast's birth, invites abstracts for papers and presentations.

The symposium will take place on the weekend of 30 April – 1 May 2022. There will be presentations on different aspects of Haast's life and career as well as his longer-term impact on Canterbury Museum and in other spheres.

The symposium is organised by Canterbury Museum and interested researchers from other institutions. It will be live-streamed and recorded so that people from New Zealand and overseas can participate if they are unable to travel to Christchurch, or if the Covid-19 situation makes it necessary to have a completely online conference.



There are several ways to participate:

- Attend in person at the symposium in Christchurch
- Attend the symposium virtually during the weekend event
- Watch and listen to recorded presentations after the symposium
- Present in person at the symposium in Christchurch
- Present a paper live via video conference and engage in a Q&A session (optional)
- Contribute a pre-recorded presentation to be made available from the date of the event
- Submit a paper for peer-reviewed publication in *Records of the Canterbury Museum* or a similar publication

The symposium is an opportunity to look critically at Haast's life and discuss what he did (or didn't) achieve, as well as the impact of colonial attitudes on museums, collecting and exploring as they relate to Haast. We welcome mana whenua perspectives on Haast's geographical "discoveries", naming and collecting.

Broad themes of the symposium include:

- **Biography** – Haast's life, achievements, family and contemporaries, etc.
- **Museology** – Haast and the founding and development of Canterbury Museum
- **Natural History** – Haast and natural history research and collections, exchanges, nomenclature, etc.
- **Exploration** – Haast's explorations and travels, e.g. surveys and fieldwork
- **Academia** – Haast and the establishment of learned societies and institutions, e.g. the founding of the Canterbury Philosophical Society and Canterbury College/University, etc.
- **Correspondence** – manuscripts and archives, exploring the history of science and Haast's scientific networking based on research utilising the *UNESCO Memory of the World* inscribed Sir Julius von Haast Collection held in the Alexander Turnbull Library, Wellington.

DEADLINE FOR ABSTRACTS

The deadline for submission of abstracts for presentations is **27 February 2022**. The decision about whether a presentation will be included in the conference will be advised by 10 March 2022.

PUBLICATION

Presenters are also welcome to submit a paper to a special symposium issue of the peer-reviewed *Records of Canterbury Museum*. When submitting the abstract for your presentation, please indicate whether you also wish to submit a paper for publication. Completed papers will need to be submitted by the date of the conference, 30 April 2022, to be considered for inclusion.

SUBMISSIONS CHECKLIST

Please ensure you have the following ready before submitting your abstract:

- ✓ **Contact details** for the corresponding author (the person who will receive all communication regarding the submission)
- ✓ **Title** of presentation or paper – no more than 20 words
- ✓ **Abstract** – no more than 400 words (without illustrations)
- ✓ **Photo of presenting author** – a recent portrait photo of each presenting author. Photos should be no larger than 200 px wide and preferably be a jpeg file.
- ✓ **Names and affiliations** of all authors linked to the submission
- ✓ **Biography of authors** – no more than 100 words
- ✓ **State** whether you also wish to submit a paper for publication

The email address for submissions or enquiries is haast200@canterburymuseum.com.