



INTERNATIONAL COMMISSION ON THE HISTORY OF GEOLOGICAL SCIENCES (INHIGEO)

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INHIGEO CIRCULAR 2020, Number 2 June 2020

Dear Members and Friends,

2020 has presented us with many challenges so I hope you are healthy and in good spirits. The postponement of the 36th IGC in New Delhi, India to November 2020 has raised a number of issues for INHIGEO, notably the appointment of the new INHIGEO Board for 2020-2024. We have discussed this matter among our board members and with the agreement of the IUGS Secretary General, Stan Finney, we circulate again here to our membership the new Board candidates and the reports that would normally be presented at the 2020 INHIGEO business-meeting.

We would suggest to our members that the nominated candidates for 2020-2024 and business reports for 2016-2020 be accepted for their nominated offices on 31 August 2020, if no objections are raised by you as INHIGEO members before the end of July 2020. Following this procedure we will make a transition to the new INHIGEO Board on 31 August 2020. At the same time I will hand over my duties as INHIGEO Secretary-General to Martina Kölbl-Ebert. I thank all of you for your cooperation on this matter! In addition, I ask that my business report for 2016-2020 be received.

Our 2019 membership ballot has also now concluded and we have 10 new INHIGEO members from 6 different countries (see more later in this Circular). Please join me in welcoming them all!

Please find the preliminary program for our meeting in 2021 in Krakow, Poland 18-24 July 2021 in the long version of the Circular (attached). I am grateful for Stanislaw and Krystyna Wołkowicz and our other members in Poland for organising a very interesting conference and fieldtrip. We look forward to seeing you all in July 2021 at our 2021 Annual Conference to be held in Krakow (Poland). Our members in Poland are organising a very interesting meeting. (See attached).

Meanwhile best wishes to all of you. Stay safe and in good spirits!

Marianne Klemun
Secretary General of the INHIGEO

NEW MEMBERS ELECTED: A very warm WELCOME!

List of 2020 Membership Nominations: a total of 10 nominations from 6 countries

Barale Luca, Italy OM
Broderick Timothy James, Zimbabwe OM
Chabou Moulley Charaf, Algeria AM
Clague Stuart William, South Africa, Namibia AM
Fabbi Simone, Italy OM
D'Angelo Fabio, Italy AM
Faccioli Maria, Italy AM
Fey Peter, Australia OM
Mallon Jordan, Canada OM
Mugumbate Forbes, Zimbabwe AM

OM = Ordinary Member AM = Associate Member

INHIGEO BOARD 2020-2024

We know that after the election of the officers of a Commission, the results of the election itself should be approved by the IUGS Executive Committee and ratified by the IUGS Council (IUGS Statutes, Art. 51). If the postponed Congress in New Delhi in November does not take place the IUGS Council will find a way to implement this approval.

We would like to add the suggestion to our members that the candidates and the business reports be accepted in their nominated offices by 31 August 2020, **if no objection is lodged by you as INHIGEO members before the end of July 2020.**

Nominations for the INHIGEO Board 2020-2024 are as follows.

President: Professor Ezio Vaccari (Italy)
Secretary-General: Dr. Martina Kölbl-Ebert (Germany)
Past-President: Professor Barry Cooper (Australia)
Vice-President Europe: Professor Marianne Klemun (Austria)
Vice-President Asia: Dr. Toshihiro Yamada (Japan)
Vice-President Australasia/Oceania: Carol Bacon (Australia)
Vice-President Africa: Dr. Sharad Master (South Africa)
Vice-President Latin America: Dr. Maria Margaret Lopes (Brazil)
Vice-President North America: Professor Steve Rowland (USA)
Editor: Professor John Diemer (USA)
Web Master: Dr. Johannes Mattes (Austria)
Ex officio *Episodes* Coordinator: Dr. Karen S. Cook (USA)

INHIGEO BUSINESS MEETING, prepared for New Delhi, India – PROVISIONAL AGENDA, published in Circular December 2019 (for 4 March 2020), postponed to November 2020 although it is doubtful whether this will take place.

1. Welcome
2. Regrets/Apologies
3. Arrangement of the Agenda (requests for modification)
4. Minutes of the Previous Meeting, Varese, Italy (2019), published in Circular 4, December 2019
5. Discussion / Matters arising
6. President's Report
7. Discussion / Matters arising
8. Secretary-General's Report
9. Discussion / Matters arising
10. Editor's Report
11. Discussion / Matters arising from the Editor's Report
12. IUGS Topics: Contributions to "*Episodes*" Report from Secretary-General about the Executive meeting in Busan (January 2020)
13. IUHPST/DHST Topics (International Union of History and Philosophy of Science and Technology) / (Division of History of Science and Technology)
14. Future Meetings of the Commission
15. Finalization of 2020 ballot
16. Vote of thanks for all members who joined in New Delhi

INHIGEO BUSINESS MEETING, prepared content

Report of INHIGEO President, Professor Barry Cooper, 2016-2020

INHIGEO members, professional colleagues, ladies and gentlemen, guests

At the end of August 2020, my baton as INHIGEO President, is handed on to Ezio Vaccari. So I thank you all for supporting myself and INHIGEO during the 2016-2020 period.

We have had 3 significant annual conferences during my term as President; in Armenia, in Mexico, and in Italy.

Sadly our 2020 meeting scheduled with the 36th International Geological Congress in India has been postponed and is now unlikely to take place.

With our successful meetings, Yerevan, Armenia was extra special because our enthusiastic Armenian delegation organised a return to the same location where our first conference was held 50 years previously in 1967.

The National Academy of Sciences of Armenia also published "The Origin and Development of Geological Thought in Armenia 5th century BC – 17th century AD".

In addition our then Editor Wolf Mayer organised publication of a magnificent 50th Anniversary Volume with contributions by many INHIGEO members.

It is my cherished hope that we meet again in the Armenian Academy of Science for our 100th birthday in 2067 if not beforehand.

Our meeting in 2018 took INHIGEO to Mexico for the first time where Vice President Latin America, Luz Azuela, provided a unique and fascinating schedule of meetings and field trips.

Then in 2019, our incoming President, Ezio Vaccari, organised a return to Italy where there is always much to see and do for both the historian and the geologist.

During the past 4 years, the INHIGEO Annual Record has also continued to flourish under Bill Brice.

In addition, INHIGEO membership has continued to grow and more countries have become involved in INHIGEO.

Additional national and kindred organisations have also formally become an “INHIGEO Affiliated Association”.

INHIGEO has also recognised additional Honorary Senior Members in our midst and have specifically honoured Professor David Branagan (Australia) with the V.V. Tikhomirov History of Geology Award.

Over the past 4 years, INHIGEO has had a very active Board of Management.

Marianne Klemun joined the Board for a term as Secretary General in 2016 and has completed 4 excellent years of service attending IUGS meetings, applying successfully for grants and making certain that all INHIGEO activities proceed smoothly.

All members also received a Circular every three months from Marianne reminding us all of INHIGEO’s coming activities.

For the 2020-2024 Board, Marianne moves to become Vice President Europe whilst we welcome a past Vice President Europe, Martina Koelbl-Ebert, to become Secretary-General.

Members leaving the Board at this meeting include past President Ken Taylor, Editor Bill Brice, Vice President East Asia, Michiko Yajima, Vice President Latin America, Luz Azuela and Vice President Australasia/Oceania Mike Johnston.

We thank them all for their contribution. Of special note Mike has written the annual conference report for the Annual Record since 2004, a major undertaking.

New Board Members for 2020-2024 include:

John A. Diemer (Editor),
Vice President East Asia, Toshihiro Yamada (Japan),
Vice President Australasia / Oceania, Carol Bacon (Australia),
Vice President Latin America Maria Margaret Lopes (Brazil).
Vice President Africa Sharad Master (South Africa),
Johannes Mattes (Webmaster).

Sharad will be our first Board Member representing Africa. So to conclude, I welcome the incoming Board 2020-2024 and look forward to a flourishing INHIGEO in the next few years.

And I reiterate sincerely my appreciation to those who have supported me over the past 4 years in my Presidential role. For me, it has been a most enjoyable period.

And finally I reiterate my welcome to Ezio who succeeds me.

Report of the Secretary General, Professor Marianne Klemun, 2016-2020

I would like to welcome all of you and thank you for your trust and confidence in supporting me as Secretary-General during 2016-2020.

Barry Cooper as President and Ken Taylor as Past-President, Mike Johnston and many board members have always supported me with their experience; for which I am very grateful.

I look back on four years of work for INHIGEO, work you are likely familiar with. Our two umbrella organizations (IUGS and IUPHST/DHST) require a report every four years and when I wrote the report on the last four years, I realized just how rich and widespread the activities of our members have been. This is truly gratifying.

Membership

I start with some sad news and announce the names of members who have passed away since our last business meeting.

They are Nenad Banjac (1952-2019), Henry R. Frankel (1944-2019), Martin Guntau (1933-2019), Gordon Leslie Herries Davies (1932-2019), Andrey Lapo (1937-2019), Victor Ludwigoich Masaitis (1927-2019) and Kanenori Suwa (1928-2020).

A new Vice-President Africa

By electing a Vice President Africa, INHIGEO reveals further its global orientation and its commitment to operate internationally.

INHIGEO Circular. The quarterly “INHIGEO Circular” continues to be very successful with issues in March, June, September and December of each year, prepared by the Secretary-General.

The INHIGEO website www.inhigeo.com was established by Johannes Mattes in 2016. It continues to operate successfully with continual updating throughout the past year. Thanks to Johannes for his creativity.

INHIGEO archives

I would again reiterate the importance of the signing of the formal agreement in 2015 between INHIGEO and the University of Oklahoma Library by which all separate INHIGEO publication will be stored and made available to the general public on the internet. This initiative originated from our past-president Ken Taylor and his UO colleague Kerry Magruder who is also a very active INHIGEO member.

Budget

INHIGEO has had ongoing financial support from IUGS and IUHPST and this has been sufficient to continue a full slate of INHIGEO activities. IUHPS gives us support in the same amount as for all Commissions, IUGS has already transferred last year 80% of the amount from this year in order to make grants available for the Conference in New Delhi.

New Board 2020-2024

The board decided in Varese on the composition of the incoming board and the positions of the President, and Secretary-General, and a new Editor of the Annual Record for the period 2020-2024. Bill Brice has already informed us in spring 2019 that he will step down in 2020. Barry retires the President's position according to the Rules and I will also retire as Secretary-General. Please see the aforementioned list.

To our outgoing Board members

It is my special wish to thank our retiring Board members. I would first of all like to express my gratitude to Ken Taylor as past-president and to Barry Cooper as president, who always both responded to my queries on INHIGEO matters and provided excellent advice. Ken invented the "Anniversaries" that are particularly successful with IUGS and will hopefully be continued.

I thank Luz Fernanda Azuela for organizing our wonderful conference in Mexico and being an esteemed and active member of the board. The same is true for Michiko Yajima who has particularly helped me with the Japanese INHIGEO branch and its members. I would also like to mention especially Mike Johnston who wrote all the outstanding reports on our meetings and field trips and was very helpful in suggesting amendments to my official correspondence. Finally, my thanks go to Bill Brice who was ever so patient in editing our Annual Record, a truly demanding task. I hope we will all meet again at the next annual meeting. I would like to take the liberty to speak on behalf of all members when I give my thanks to those mentioned above.

I wish the new board, and especially my successor, much success and joy working for INHIGEO.

Publications

Thanks to initiative of Silvia Figueirôa, Drielli Peyerl and Greg Good the papers given at the panel organized within the 25th International Congress for History of Science and Technology in Rio 2017 were published by Springer in 2019.

Thank you for achieving this.

The publication following the 2017 meeting in Armenia is unfortunately not progressing so smoothly. We shall be able to produce this publication next year.

The Mexico meeting of 2018 is well on the way to publication, thanks to the efforts of Luz Azuela and John Diemer.

The proceedings of the Varese and Como Meeting will be published in 2021 in the journal of history of science *Physis*.

Activities

INHIGEO SPONSORED SYMPOSIUM 2019

Within the 3rd International Congress on Stratigraphy – STRATI 2019, in Milan on 2-5 July 2019, a session on history of stratigraphy, with the title *History of Stratigraphy in Italian environments (17th – 20th centuries)*, convener: Ezio Vaccari, co-conveners: Andrea Candela, Marco Pantaloni and Luigina Vezzoli, sponsored by INHIGEO, took place on Friday, July 5, from 9.00 to 11.30 am. See the program of the session at the webpage:

<http://www.strati2019.it/index.php/program/session-s-program/87-t1-1-history-of-stratigraphy-in-italian-environments-17th-20th-centuries>

SYMPOSIUM, ESHS, 2020, Bologna, September 2020: Visual, Material and Sensory Cultures of Science (virtual conference)

Organizer: Ernst Hamm, Chairperson: Marianne Klemun

Title: Knowledge of the Earth: Art, Sense and Image, 1500-1900

Abstract:

From the depths of caves and mines, to seas and oceans, to mountains and deserts, knowledge of the earth has for centuries has been deeply intertwined with art, sense and image. This session ranges from the dawn of the scientific revolution to the midst of the second industrial revolution or, to use another temporal framework, from Vannoccio Biringunccio's *Pirotechnia* to Eduard Suess's *Das Antlitz der Erde*, encompassing the work of naturalists, artisans, savants, assayers, miners, mountaineers and travellers, among others. Art, sense and image are here understood in multiple ways: art as visual and plastic art, as artifice, and as artisanal practices; sense as in the perceptions of the world and as powers of the mind and intelligibility; image as two or three-dimensional depictions and, more broadly, as representation. This session aims to show that knowledge of the earth was made through a range of practices that challenged distinctions between philosophers and artisans, between the work of the mind and that of the hand.

Participants:

1. Treasure Trove and Divine Artwork: Early Modern Mining as Financial Promise and Aesthetic Experience - Tina Asmussen.
2. Talking Images and Painting Words: Crossroads of Knowledge and Art in Visual Representations of Caves (1750–1850) - Johannes Mattes
3. Resurrecting Extinct Worlds: Sense, Art and Image in Nineteenth-Century Palaeontological Reconstructions - Claudine Cohen
4. Image, Artifice and Geology: Mapping Seen and Unseen - Ernst Hamm

IUGS Topics

Episodes

Mike Johnston and Marianne Klemun prepared “Looking back to the roots of INHIGEO: The inaugural and 50th anniversary meetings held in Yerevan in 1967 and 2017”. In: *Episodes* Vol. 42, Nr. 1 (2019), 69-75.

If you have an appropriate manuscript please submit it to *Episodes* as amongst other things it helps raise the profile of INHIGEO.

Report of the Executive Meeting in Busan (Korea) in January 15-17 2020

The INTERNATIONAL UNION OF GEOLOGICAL SCIENCES, 74st EXECUTIVE COMMITTEE MEETING took place on January 2020 in Busan Korea.

A power-point on the activities of the INHIGEO was prepared by Marianne Klemun.

It's a pleasure to report about my stay in Busan and my impression about the IUGS Executive meeting. The atmosphere was great and I reported very briefly about our efforts. I have no feedback until now. There was no open question regarding my report from members of the Executive Meeting of the IUGS which maybe is a good sign.

Regarding the Tikhomirov Award there was no reaction from IUGS key officers on their decision to withdraw funding for the Award. They explained at the beginning that this was not applying only to INHIGEO but to all Commissions as the number of awards generally have been reduced. I have asked Stan Finney, the SG of IUGS, in a break and he supported the idea that INHIGEO continue with this award and have a separate presentation ceremony in New Delhi. The 2020 Award has subsequently been presented to the award winner, David Branagan, Australia, after the 36th International Geological Congress was postponed in March 2020.

At the meeting it was suggested to all Commissions that they could or should take over the goal to publish a Special Issue for Episodes. This could be an option for us.

Busan in 2024 will be a pleasure. The Committee of the Congress planning is well underway, the venue large and everything seems to be well organised and the hosts are very effective and friendly.

The *International Association for Promoting Geoethics* of the IUGS is very interested in cooperating with us. INHIGEO should consider this opportunity to broaden its horizons. The anniversary contributions on the website of the IUGS continue to receive very positive feedback from many readers.

I think we should continue the “anniversary stories”. They are well established and well-known by our website users. The IUGS expects the continuation of the series and all IUGS Commissions have been requested to provide a steady flow of appropriate material. We have adopted this requirement. As I already reported last year, Ken Taylor developed a model for our monthly mini-contributions. If you are interested in writing a mini-contribution of this sort, please contact the Secretary-General for coordination.

IUHPST/DHST Topics (International Union of History and Philosophy of Science and Technology) / (Division of History of Science and Technology)

The 26th INTERNATIONAL CONGRESS ON THE HISTORY OF SCIENCE AND TECHNOLOGY (25ICHST) – 25-31 July 2021 will take place in Prague.

We are expected to organise a symposium at the Congress. Greg Good and Marianne Klemun are organising three symposia.

INHIGEO Annual Conferences for this period are scheduled as follows.

- 2021 – 46th INHIGEO Symposium in Poland, Krakow, July 18-24 July 2021
26th International Congress of History of Science and Technology (ICHST) in Prague
25-31 July
- 2022 – 47th INHIGEO Symposium, France, Les Eyzies in Vézère Valley, 16th-20th September
- 2023 – 48th INHIGEO Symposium, Location to be decided.
- 2024 – 49th INHIGEO Symposium, South Korea, (in association with the 37th IGC)

**POLISH GEOLOGICAL INSTITUTE – NATIONAL RESEARCH INSTITUTE
INTERNATIONAL COMMISSION ON THE HISTORY OF GEOLOGICAL
SCIENCES
GEOLOGICAL SOCIETY OF POLAND
POLISH ACADEMY OF ARTS AND SCIENCE**

**46TH INTERNATIONAL COMMISSION ON THE HISTORY OF GEOLOGICAL
SCIENCES (INHIGEO) SYMPOSIUM
CRACOW, POLAND, 18-24 JULY 2021**



The INHIGEO 2021 conference will be held at the Polish Academy of Arts and Science, Cracow.

We sincerely invite you to POLAND to attend the 2021 INHIGEO Symposium.

In this first Circular, we announce the symposium and provide information about conference themes and associated excursions. We ask you to complete the “Expression of Interest” form

that is provided as a separate attachment. Please return this form at your earliest convenience, but preferably by November 30, 2020, to(special e-mail address)

CONFERENCE THEMES

1. History of geological surveys and biographies of their creators
2. History of geological societies
3. History and development of geological cartography
4. History of mineral extraction / Mining history
5. General contributions and biographies of famous geologists
- 6.

SCIENTIFIC COMMITTEE

Prof. Stanislaw Wołkowicz, Chairmen of the Committee, Polish Geological Institute - National Research Institute, Warsaw

Prof. Adam Gasiński, President of Geological Society of Poland, Jagiellonian University, Cracow

Prof. Michał Kokowski, Chairmen of Science History Commission of Polish Academy of Arts and Science, Cracow

Prof. Piotr Krzywiec, Institute of Geological Sciences of the Polish Academy of Sciences, Warsaw

Dr Barbara Olejarz, Oil Mining Museum in Bóbrka

Prof. Janusz Skoczylas, Adam Mickiewicz University, Poznań

Prof. Radosław Tarkowski, Mineral and Energy Economy Research Institute of the Polish Academy of Sciences, Cracow

Dr Krystyna Wołkowicz, Secretary of the Committee, Polish Geological Institute- National Research Institute, Warsaw

Prof. Andrzej J. Wójcik, Institute of the History of Sciences of the Polish Academy of Sciences, Warsaw

Prof. Barry Cooper, President of INHIGEO 2016-2020, University of South Australia

Prof. John Diemer, Editor of the Annual Record 2020-2024, University of North Carolina

Prof. Marianne Klemun, Secretary General 2016-2020, University of Vienna

Dr. Martina Kölbl-Ebert Secretary General 2020-2024, University Munich

Prof. Ezio Vaccari, President of INHIGEO, 2020-2024, Università degli Studi dell'Insubria

LOCAL ORGANIZING COMMITTEE

Prof. Stanislaw Wołkowicz,

Dr Krystyna Wołkowicz,

Msc. Anna Bagińska

Msc. Monika Cyrklewicz

Msc. Ewa Dąbrowska-Jędrusik

Msc. Anna Romanowska

Conference Venue
Headquarter of Polish Academy of Arts and Sciences



REGISTRATION FEES

400 euros for Conference and Mid-Meeting Trip (Bóbrka) (early bird registration)
Fee will include: coffee breaks and lunch during the Conference, transportation and lunch during Mid-Meeting trip, as well as the Conference dinner at the one of the famous Cracow restaurant.

14-18 July 2021 – Pre-Meeting trip
400 euros for Pre-Meeting Trip (early bird registration)
Fee will include: transportation, hotel, breakfast, lunch and dinner.

250 euros for special program for accompanying participants (early bird registration)
Fee will include: Special tours during the Conference, Mid-Meeting Trip and the conference dinner at the famous Cracow restaurant.
Registration fees will not include hotels costs during the Conference.

IMPORTANT DATES:

- 30 November 2020 - Deadline for Expression of Interest for symposium and pre-conference trips
- 1 March 2021, deadline for abstract and full articles submission
- 31 March 2021, notification of acceptance and 2nd Circular
- 15 June 2021, closure of early bird registration for symposium, pre-conference trip, accompanying participant's early bird on-line registration fee payment
- Registration fees for symposium and pre-conference trips after 15 June will be 450 euros, and 300 euros for accompanying participants.

Visa Information

Citizens of the Schengen area, Australia, USA, Canada and many others – visa-free regime.
More information about visa policy of Poland: <https://udsc.gov.pl/en/cudzoziemcy/obywatelepanstw-trzecich/chce-przyjechac-do-polski/czy-potrzuje-wizy/>

Airport Information

In Krakow there is an international airport - Balice, with good connections to the city center. It is also possible to arrive at the airport Fryderyk Chopin Warsaw - Okęcie, and then travel to Krakow by intercity trains (journey time is less than 3 hours).

Hotel Information

Krakow as a big tourist resort has a highly developed network of hotels of different classes. Detailed proposals will be presented in the second circular.

Symposium Schedule

July 18, 2021 (Sunday) – arrival of the conference Participants;

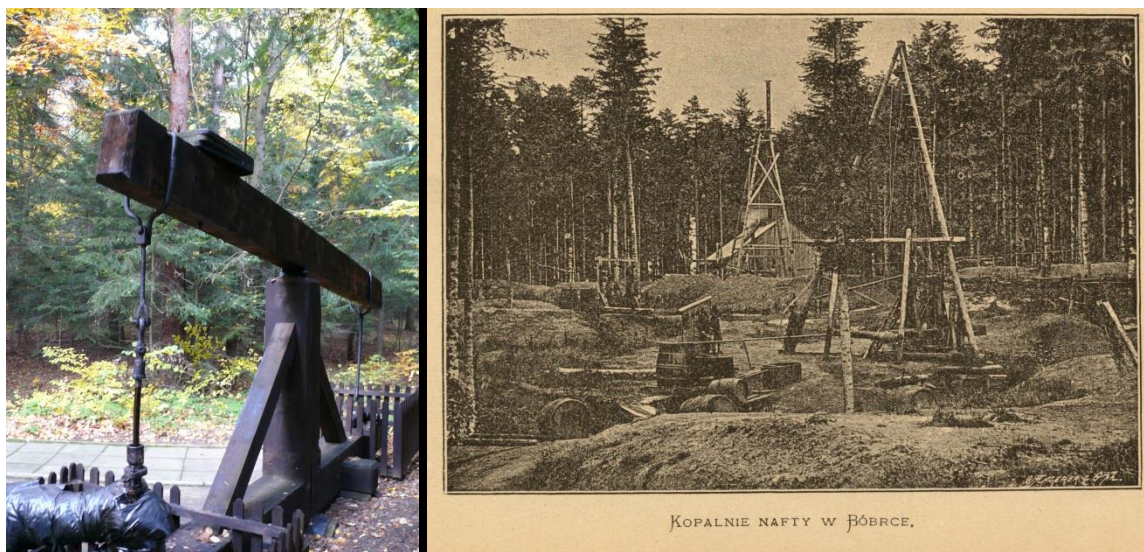
July 19, 2021 (Monday) – Registration of Participants, Opening Session and first lectures;

July 20, 2021 (Tuesday) – Lecture sessions, Afternoon is possible to visit PAU Library with old prints and maps; in the evening – a walk around Old Town in Krakow and official gala dinner;

July 21, 2021 (Wednesday) – full-day mid-conference field trip to Bóbrka Oil Mining Museum near Krosno – the cradle of the world oil mining. During the visit we will see the outdoor exhibition, including the exploitation of an oil field active since 60s of the 19th century, lecture prepare by Director of the Museum about history of oil exploitation in SE Poland (Carpathians), a film about Ignacy Łukasiewicz (in English), dinner at the Museum;

July 22, 2021 (Thursday) – Lecture session on history of mining. This session will take place in underground Wieliczka Salt Mine (circa 15 km from Krakow). Wieliczka Salt Mine in in UNESCO Word Heritage list. This min has been operating continuously since the 13th Century. Lunch and guided mine tour is planned;

July 23, 2021 (Friday) – Last lecture sessions, INHIGEO Technical Meeting, closing ceremony.



The Oil Mining Museum in Bóbrka (Carpathians): recent photo and photo from 1885

General plan for the pre-conference field trip – main sites to visit:

1 – Krzemionki Opatowskie in Holy Cross Mountains (place of extraction of striped flint from the Neolithic period);

2 – Tarnowskie Góry (Cracow-Silesia Highland) Zn-Pb – (Ag) underground mine – exploitation from the 16th century, - now touristic object;

3 – Złoty Stok (Sudetes) – gold mining from the 11th century – now touristic object with different options to visit;

4 – Kowary (Sudetes) - closed uranium mine and Gierczyn–Krobica (old tin mine)

5 – Walbrzych (Sudetes) – „Stara Kopalnia” (Old [coal] Mine - now: Science and Art Center;