



*We are pleased to invite you to participate in the Kukla LOESSFEST '14 - 7th Loess Seminar which will be held in Wrocław, Poland, 8-9 September, 2014. It will also be an excellent opportunity to discover the beauty and variety of the environment and the culture of Central and Eastern Europe.*

*It is a very great pleasure to be hosting this prestigious meeting, which will enable us to discuss the latest advances in loess research and will also provide an opportunity for participants to meet and network with colleagues from across the globe.*

*Our program this year promises to be challenging and stimulating as we consider key topics of interest and concern. Lectures (Wrocław) and loess fieldtrip (Poland→Ukraine→Poland) will be presented by a group of distinguished international researchers who will cover a range of topical and relevant issues, which affect us all from the field to the laboratories.*

*We hope you will join us in Wrocław for what promises to be a vibrant and significant KUKLA Loessfest '14.*

***We look forward to welcoming you to Wrocław in September 2014!***

**[www.loessfest2014.pl](http://www.loessfest2014.pl)**

**George J. Kukla** was born in 1930. He is a senior research scientist at the Lamont-Doherty Earth Observatory of Columbia University and one of the most important researchers in the field of Quaternary palaeoclimate.

Dr. Kukla worked in Geological Institute of the Czechoslovak Academy of Sciences, prior to emigrating to the US. He was a pioneer in the field of astronomical climate forcing. His investigation of the Red Hill (Červený Kopec) loess exposure near Czechian town Brno provided the background for the famous correlations of the palaeoclimatic fluctuations recorded in terrestrial loess deposits, with oscillations recorded in deep-sea sediments. It is remarkable how prophetically correct these stratigraphic interpretations of loess in former Czechoslovakia and Austria of Kukla and his colleagues were. Based on limited available magnetostratigraphic data and evidence from gastropod assemblages, Kukla's research intuition was surprisingly correct in recognizing glacial-interglacial cycles recorded in multiple successions of palaeo-pedocomplexes, loess markers, pellet sands and a pure loess layers. The correlation between Kukla's glacial cycles and marine isotope stages has not been challenged and in principle is still valid.

In 1972 he became a central figure in convincing the United States government to take the dangers of climate change seriously. Kukla and the friendly geologist, Robert Matthews of Brown University in Massachusetts, convened a historic conference, themed: "The Present Interglacial: How and When will it End?" Kukla and Matthews then highlighted the dangers of approaching global cooling in science magazine and in a personal letter to President Richard Nixon. The Nixon administration reacted swiftly to the letter, which mentioned calamities such as killer frosts, lower food production and floods, to come. By February 1973, the State Department had established a Panel on the Present Interglacial, which advised Drs. Kukla and Matthews that it "was seized of the matter" and numerous other government agencies were soon included.

Kukla was the co-author of the chapter in the book "Natural Climate Variability on Decade to Century Time Scales" published by the National Research Council.

Kukla believes that all glacial periods in earth's history began with global warming (understood as an increase of the area-weighted average global mean surface temperature). He believes Earth's recent warming is mostly natural and will gradually lead to the substantial increase of the surface temperature difference between the warming tropics and the cooling subpoles. Consequently this is how the next ice age will begin.

George Kukla can be described as a truly global citizen, a person with an immense understanding of world geo-diversity and its cultures, with extensive experience stretching across the ice fields of Greenland and Antarctica to ocean-deep sea deposits, and the loess records of central Europe and China. His work on palaeoclimate was recognized in 2003 by European Geosciences Union when he was awarded the Milanković Medal. Similar to his scientific role model - Milutin Milanković, Kukla is also endowed with his unique ability to travel through the Universe and centuries.

## Conference topics

- Plenary session – George's friends
- Loess magnetism
- Loess landforms dynamics
- Eurasian loess
- Loess chronology
- Loess and the record of Palaeolithic cultures
- Reconstruction of loess environments
- Loess geochemistry
- Dust and man
- Loess as geoheritage – geoconservation & geotourism

## Preliminary Programme

### Sunday September 7th

Department of Climatology and Atmosphere Protection, 6/8 Kosiby Street, Wrocław

18.00 Registration. Welcome and ice breaker party.

### Monday September 8th

Oratorium Marianum, 1 Uniwersytecki Sqr.

8.30 Registration

9.45 Opening Ceremony

10.00-12.30 Plenary Session

12.30-14.00 Lunch time

14.00-17.45 Thematic Session

18.00-20.00 The Old Town Excursion

20.00-Conference Dinner

### Tuesday September 9th

Oratorium Marianum, 1 Uniwersytecki Sqr.

9.00-12.30 Thematic Sessions

12.30-14.00 Lunch time

14.00-17.30 Thematic Sessions

17.30-19.00 Poster presentations

19.30 Conference Dinner

## 10-15 September, 2014: 6-day Fieldtrip - Loess in Poland and western Ukraine

### Day I (10th September, Wednesday), Wrocław - Cracow

Wrocław → Biały Kościół loess section → St. Ann's Hill (lithology and relief of loess cover in the protected area) → Cracow (loess and Gravettian sites, Main Square Ground Museum, Cracow by night)

### Day II (11th September, Thursday), Cracow – Sandomierz - Tyszowce

Wieliczka Salt Mine → Jaksice site (loess terrace of Vistula River and Gravettian archaeological site) → Cistercian Abbey in Koprzywnica → Złota loess section → Old Town in Sandomierz → Revel in Goths' Village in Masłomęcz

### Day III (12th September, Friday), Masłomęcz – Lviv

Tyszowce loess section → Medieval Stronghold in Gródek Loess greda in Gródek → Czermno stronghold (Medieval capitol of Czerwień Strongholds) → UKRAINE (UNDER LATER CONSIDERATION)

### Day IV (13th September, Saturday), Lviv – Verkhovyna

UNDER LATER CONSIDERATION

**Day V (14th September, Sunday), Verkhovyna - Lublin**

Ukraine → Leżajsk (loess cover of Rzeszów Foothills) → Krzeszów (loess cover of Sandomierz Basin) → Lublin (old town by night)

**Day VI (15th September, Monday), Lublin - Wrocław**

Lublin → Nałęczów (spa resort) → Klementowice (Magdalenian open-air site and primary loess relief reconstruction) → Karmanowice-Celejów (loess islands) → Kazimierz Dolny (old town, loess relief and gully systems) → Podgórz (vineyard & loess covers) → Dobre (road gully and loess on tectonic edge) → Krzemionki Opatowskie (Neolithic and Early Bronze Age complex flint mines) → Wrocław

**Important dates and fees**

Please mind the important dates and deadlines in order to successfully register and participate the conference and field trip.

**Conference fee:**
**Early birds: until 30 April 2014**

If you register until this date you will get lower price of conference fee:

- Students: 60 EUR or 250 PLN (Polish zloty)
- Others: 120 EUR or 500 PLN

**Standard: until 30 June 2014**

This is the deadline for registration. Please register until this date so organizational and scientific boards could have enough time to review all abstracts and create the final conference program.

The conference fee for this period is:

- Students: 75 EUR or 315 PLN
- Others: 150 EUR or 630 PLN

**Second call: 15 May 2014**

Up to this date you will receive the second call with more detailed information about final conference program (with schedule of sessions and all participants), conference trip and other useful information.

**Conference dates: 8-9 September 2014**

These are dates conference venue, for more detailed info please check the program. For any further information please do not hesitate to contact organizational board.

**Conference fee includes:** abstract book, conference promo-materials, welcoming cocktail & coffee breaks, conference dinners.

**Loess Field trip fee:**
**Early birds - until 30 April 2014:**

- Students: 250 EUR or 1050 PLN
- Others: 350 EUR or 1470 PLN

**Standard - until 30th June 2014:**

- Students: 300 EUR or 1260 PLN
- Others: 400 EUR or 1680 PLN

**Loess field trip fee includes:** all transfers (bus), accommodation (5 nights), full meals, excursions with tickets, field guidebook, field promo-materials

**Payments with annotation KUKLA LOESSFEST for (your names) should be transferred to the following bank accounts:**

**Account Holder: Uniwersytet Wrocławski, pl. Uniwersytecki 1, 50-137 Wrocław, Poland**

**Payments in EURO: Bank Zachodni WBK SA I/O Wrocław**

**Rynek 9/11, 59-950 Wrocław**

**SWIFT code: WBK PPL PP**

**IBAN: PL 1510902398000000114080721**

**Payments in Polish Złoty (PLN):**

**BZWBK SA IV O/Wrocław**

**ul. Kuźnicza 17/19, 59-950 Wrocław**

**8410 9025 0300 0000 0114 0786 92**

**International Scientific Board**

Pierre Antoine, Paris, France  
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**Local Organisational Board**

Zdzisław Jary, Faculty of Earth Science and Environmental Management, University of Wrocław, Poland  
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 Krzysztof Rękas, Faculty of Earth Science and Environmental Management, University of Wrocław, Poland

## Publication Opportunities

All abstracts will be published in Abstract book (hard copy) and on the official web site of the conference. Except this, collection of the papers will be published in special issues of Quaternary International and Catena.

## Instructions to Authors

Please mind the important dates and deadlines in order to successfully register and participate the conference.

Conference abstracts are invited on the topics outlined and others falling within the scope of the meeting.

Abstracts of between 300 and 350 words (not including authors' names and affiliations!) written in MS Word and corresponding to one of the conference themes should be submitted until indicated dates. Abstracts should clearly state the purpose, results and conclusions of the research, which must include:

- Title
- Full author(s) name(s)
- Full author(s) affiliation(s)
- Email address of corresponding author
- Abstract (300-350 words)
- Indicate if it will oral or poster presentation

Authors are welcomed to submit more then one abstracts for oral or poster presentation.

For technical problems or submission support, please contact [loessfest2014@gmail.com](mailto:loessfest2014@gmail.com)

### Oral presentation instructions

Oral presentations should be prepared in Microsoft Power Point and should not exceed 10 to 15 minutes. Make sure to transfer presentation on time to members of Organizational Board upon your arrival.

### Poster instructions

Poster presenters are also obliged to submit abstract. For poster presenters there will be available space to accommodate ISO A0 (1189 mm x 841 mm) or ISO A1 (594 mm × 841 mm) size posters, both portrait and landscape orientated. The posters will be fixed on the board or wall by adhesive tapes or clips that will be provided by the organiser. Please note that the authors are responsible for layout and printing of the posters, as well as for handouts of the posters which are indeed welcomed.

### Abstract submission deadline: 30 June, 2014

Abstracts should be sent by email to the following address: [loessfest2014@gmail.com](mailto:loessfest2014@gmail.com)

## Accommodation

We recommend these hotels: Hotel Campanile Wrocław Stare Miasto ([www](#)); HP Park Plaza ([www](#)); Hotel Tumski ([www](#)); Art Hotel ([www](#)). Hotels can easily be booked on the Internet through any of the major hotel booking websites: [Booking.com](#); [Hotels.com](#). For more information please click the links to move to the web pages of hotels.

## About Wrocław

Wrocław is a large undiscovered gem of a city in southwestern Poland in the historic region of Silesia. It boasts fascinating architecture, many rivers and bridges, and a lively and metropolitan cultural scene. The downtown core of the city is car free and the many market squares are packed with cafes and restaurants. The population is approaching one million (including 200,000 university students).

Wrocław has an interesting history as it has gone back and forth from nation states over the course of its history. Prior to the Second World War, Wrocław (Breslau in German) was the capital of the German province of Prussian Lower Silesia. It returned to Poland when, after the War, the Soviets moved the German/Polish border westward to the Oder/Neisse Line. Wrocław was almost completely destroyed during the end of the War. However, it has been wonderfully restored and can now be counted amongst the highlights of Poland and of all Central Europe.

### Weather (September)

- Average temperature= 15.2 C (59.4 F)
- Precipitation: 43 mm (1.69 inches)

### Currency : Polish Zloty (PLN)

- 1 USD = roughly 3 PLN
- 1 Euro = roughly 4 PLN
- 1 AUD = roughly 3 PLN

### Travel times to nearby cities (airplane):

- Berlin 1:00 hr
- Copenhagen 1:15 hrs
- Munich 1:20 hrs
- Frankfurt 1:30 hrs
- Warsaw 1:00 hr

## Travel - Getting to Wrocław

### By air

The most convenient way is to fly to Wrocław. Copernicus Airport Wrocław is located at Skarżyńskiego Street 36, only 10 km from the city centre. Alternative airports in Poland include Warsaw, Krakow, Poznan, Lodz, Katowice, all within 4 hours of Wrocław and have connecting flights to Wrocław.

From the airport, bus 406 operates from the terminal building to central Wrocław between 5am and 11pm every 20 minutes. There is also a night bus 249. The night bus will take approximately one hour to get to the city center (it will have a short break in the Jarnołtów district). Single-ride tickets from Wrocław Airport to the city center cost 3.00 PLN (or 1.50 PLN for students or ISIC/EURO 26 Holders).

A taxi from the airport to the city centre will cost approximately 50 PLN.

### By rail

Poland's railway system is very reliable and recommended for travelling throughout Poland.

Wrocław is a major hub in the Polish rail network, with trains each day to all major Polish cities. Most connections are to Poznan, Warsaw and Krakow. Wrocław also offers

international connections to Hamburg (via Berlin), Prague, Dresden, Kiev (via Lviv) and Budapest.

Wrocław's Main Train Station (Dworzec Główny PKP) is located south of town on Piłsudskiego Street.

Trains run regularly from Warsaw and Krakow.

Krakow: 4 – 5hrs on the train and approximately €20, train runs every 30 minutes.

Warsaw: 5 – 6hrs on the train and approximately €30, train runs every 4 hours.

### **By bus**

Getting to Wrocław by bus is straight forward. Wrocław is a stop on the Eurolines international coach network. International and national buses stop at the PKS Centrum station which is located directly behind the main train station.

### **Private transfers**

For further information on taxi and private hire transfers to Wrocław city centre from Wrocław Airport and other cities and airport, please visit the website: <http://www.foxtransfer.eu/wroclawairport.en.html>.

## **Visa Information**

Organizers will offer invitation letters to persons who have registered and paid the complete registration fee. The letter will provide proof of registration and proof of payment.

Official Acceptance and Invitation Letters may be obtained by contacting the Organizers by email [loessfest2014@gmail.com](mailto:loessfest2014@gmail.com)

Invitation Letters can only be requested once payment of registration has been received.

Please note that when applying for your Visa you should include a copy of your registration confirmation.

## **Contacts**

For any information or suggestion do not hesitate to contact us.  
The official email of the conference is: [loessfest2014@gmail.com](mailto:loessfest2014@gmail.com)

### **Our postal mail address:**

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**For more details please visit the conference web page:**

**<http://www.loessfest2014.pl>**