



IG16215 – ENDLESS Metal

Workshop

“Interdisciplinary approaches in conservation and documentation using the tools such as MiCorr, Discovery MAT and Pleco”

**The National Maritime Museum in Gdansk
in cooperation with National Museum in Gdansk**

Gdansk, Poland

11-13 April 2023

Participants:

IG team

- Christian Degrigny, CD (CH), chair
- Eva Menart, EM (SI), vice-chair
- Monique Drieux, MD (FR)
- Razvan Gavrila, RG (RO)
- Romain Jeanneret, RJ (CH)
- Katarzyna Schaefer-Rychel, KSR (PL)

Local participants

- Catia Wesołowska, Head of Conservation Department, National Museum in Gdansk
- Milan Charytoniuk, Conservation Department, National Museum in Gdansk
- Irena Rodzik, Head of Conservation Department, National Maritime Museum in Gdansk
- Dagmara Bojar, Conservation Department, National Maritime Museum in Gdansk
- Piotr Dziewanowski, Conservation Department, National Maritime Museum in Gdansk
- Piotr Felkier, Conservation Department, National Maritime Museum in Gdansk
- Eugeniusz Panto, Conservation Department, National Maritime Museum in Gdansk
- Aleksandra Kucharska, History of Shipbuilding Department, National Maritime Museum in Gdansk
- Artur Fonżychowski, Marine Ethnology Department, National Maritime Museum in Gdansk
- Mateusz Rutkowski, Conservation Department, the II World War Museum in Gdansk
- Adrian Koterba, Chemical Faculty, Department of Analytical Chemistry, University of Gdansk
- Mateusz Cieślík, Chemical Faculty, Department of Analytical Chemistry, University of Gdansk



This project is based upon work from COST Innovators Grant ENDLESS Metal IG16215, supported by COST (European Cooperation in Science and Technology).



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Invited Experts

- Prof. Barbara Wagner, Biological and Chemical Research Centre, University of Warsaw
- Prof. Tadeusz Ossowski, Chemical Faculty, Department of Analytical Chemistry, University of Gdansk

The objective of these three days is to assess how the ENDLESS Metal analytical tools could support interdisciplinary work within professional teams. The first day will start from general overview of the three tools allowing interdisciplinary work. In the second part of the day participants will have opportunity to evaluate application of MiCorr tool for purposes of documentation of objects from NMM's and MNG's collection from perspective of both conservators and curators. The meeting will take place in NOMUS, a branch of the National Museum in Gdansk and participants will use their laptops. The second day will also take place in NOMUS in Gdansk where together with curators and conservators, we will start from outcomes of the first day to pursue the use of MiCorr but with smartphones. After lunch participants will test DiscoveryMAT on different objects. The third day will be devoted to testing Pleco tool on the museum's objects by interdisciplinary team of conservators, curators and scientists.

Programme

Tuesday 11 April 2023

NOMUS (New Art Museum) (branch of the National Museum in Gdansk)
Ul. Stefana Jaracza 14, 80-863 Gdansk





NARODOWE
MUZEUM
MORSKIE
w Gdańsku

9h00 -12h30 * 14h30 - 18h00

- Meet up at NOMUS
- Welcoming words by CD, EM. Catia Viegas Wesolowska (Head of Conservation Department NMG) and Irena Rodzik (Head of Conservation Department NMM).
- Roundtable: IG16215 team members, local participants and experts.

Coffee break

- An introduction to the use of ENDLESS Metal analytical tools for the diagnosis of Heritage metal artefacts (CD).
- Presentations on first activities of ENDLESS Metal project including Training Schools in Neuchatel and Ljubljana as well as workshop in Toulouse as preliminary examples of the possibilities of the analytical tools when used within interdisciplinary teams (EM & MD).

Lunch

- Practical use of MiCorr (identification of metals) on objects from underwater archaeology research and NMM's collection: demonstration using laptop and discussions/work in pairs
- Lecture about MiCorr application in terms of supporting the diagnosis of metal artefacts based on the study of their corrosion structures (CD).

Dinner in town



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Wednesday 12 April 2023

NOMUS (New Art Museum) (branch of the National Museum in Gdansk)
Ul. Stefana Jaracza 14, 80-863 Gdansk



9h00 - 12h30 * 14h30 - 18h00

- Presentation of the conservation workshop and the collection of National Museum in Gdansk by Catia Viegas Wesołowska.
- Conservation of metallic artefacts from the NMG's collection: need for scientific research in documentation and conservation of museum's objects: challenges and technical aspects.

Coffee break

- Outcomes of the first day with use of MiCorr in interdisciplinary context.
- Practical use of MiCorr (identification of metals) on objects from NMG's collection: demonstration using smartphones and discussions.

Lunch

- Presentation of DiscoveryMAT's application in conservation (RG & CD).
- Practical use of Discovery Mat on some objects from NMM in Gdansk's collection by both curators and conservators. Collection of data in three groups (one for each solution).
- Data processing.
- Discussions.
- Closing remarks.



NARODOWE
MUZEUM
MORSKIE
w Gdańsku

Dinner in town

Thursday 13 April 2023
9h00 - 12h30 * 14h30 - 18h00

NOMUS (New Art Museum) (branch of the National Museum in Gdansk)
Ul. Stefana Jaracza 14, 80-863 Gdansk
Meeting with representatives of the Department of Analytical Chemistry, the
University of Gdansk

Internal meeting of ENDLESS Metal team (9 am-10am) **10am – Start of the workshop, coffee break**

- Presentations on outcome of use of DiscoveryMAT on museum's objects from previous day in MNG (CD)
- Practical use of Pleco – some updates part 1 (review of the recent work of Jorge Gonzalez, the postdoc who works with Prof. Degriigny on silver tarnishing and the use of Pleco to assess its presence)

Lunch

- Practical use of Pleco on some objects from NMM's collection in interdisciplinary context – part 2 (demonstrations, work in groups)
- Discussions
- Closing remarks

Dinner in town



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HOW TO JOIN US?

- **Reaching town centre from the airport in Gdansk?**

Trains (PKM Pomorska Kolej Metropolitalna)

Gdansk Airport has a train station in front of Terminal 2, from where trains of SKM and PolRegio (PKM Pomorska Kolej Metropolitalna) depart to Gdansk. A couple of times per hour there is a train between the airport and Gdansk Wrzeszcz. The last ones depart at 8.35 pm and 9.13 pm. The trains to Gdansk usually have Gdansk Wrzeszcz as their final station. At Gdansk Wrzeszcz, you can change for a train of SKM (Szybka Kolej Miejska) to Gdansk Glowny (central station). Trains run ca. every 20 min and one train per hour from 10pm. Both at the airport and at Gdansk Wrzeszcz you will find ticket machines on the platforms. In case it doesn't work you can always buy the tickets on the train. The cost should be ca. 10-20 PLN one way. You can pay either by card or cash. Anyway bear in mind to have some cash with you.

Taxi

I recommend Dajan taxi (phone: +48 500 49 50 50). It is better to call and book a taxi when you arrive at Gdansk Airport. Usual price is no more than 100 zł which equals ca. 20EUR. Be aware that if you take a taxi from the main entrance at the airport it might be much more expensive.

Bus

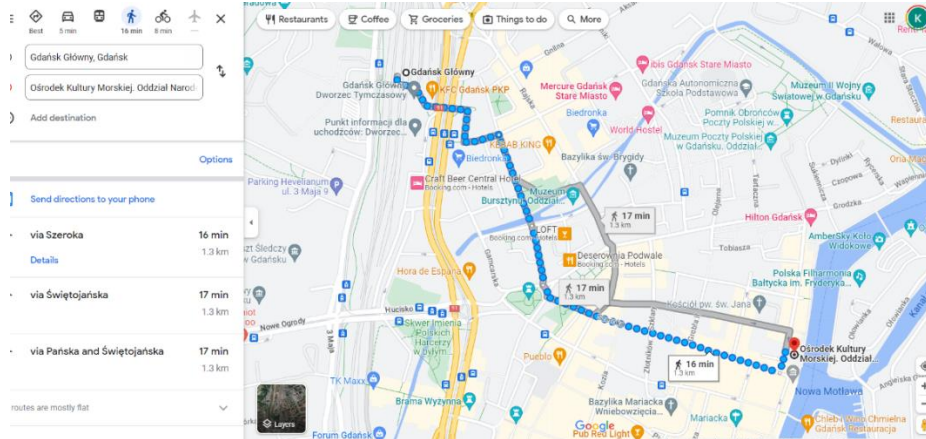
If you want to catch a bus (**210** to Gdańsk) you will find the bus stops directly across the road as you leave the airport terminal.

Bus from Lecha Walesa airport to main train station in Gdansk (Gdansk Glowny):

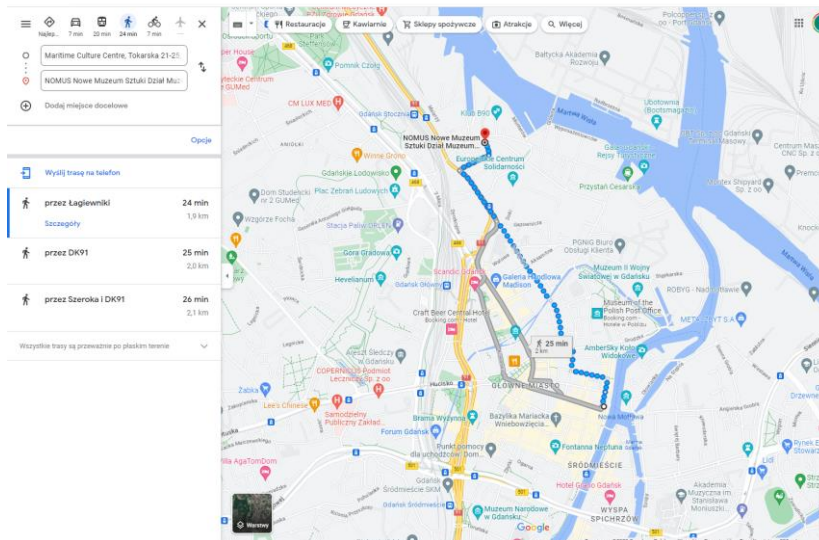
https://ztm.gda.pl/rozkłady/rozkład-210_20230206-18-1-dzien-20230410.html

Cost of a bus ticket is ca. 10 PLN.

How to get from the main train station (Gdansk Główny) to Maritime Culture Centre (a branch of the National Maritime Museum in Gdansk)



How to get from the Maritime Culture Centre to NOMUS (New Art Museum) (branch of the National Museum in Gdansk)



Please, contact Katarzyna Schaefer-Rychel for any further questions:

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