





IG16215 – ENDLESS Metal

Training school for experienced professionals

National Museum of Slovenia, Muzejska 1, Ljubljana, Slovenia

15-17 February 2023

Programme

Wednesday 15 February (9:00-17:30)

9:00	Welcoming words	M. Kos, acting director of NMS
9:05-9:30	IG16215: philosophy and objectives	C. Degrigny (CDE), chair of Endless Metal
		& E. Menart (EME), vice-chair
9:30-10:00	Analyses of museum objects: curator's and	T. Lazar (TLA), curator at NMS
	conservator's perspective	& N. Nemeček (NNE), conservator at NMS

MICORR: support diagnosis tool

10:00-10:30	Context of development, possibilities & limits	CDE
10:30-11:00	Coffee break	
11:00-11:30	Part I - Identification of metal families	CDE
11:30-12:30	Demonstration and tests	CDE & R. Jeanneret (RJE) St Maurice Abbey
12:30-13:00	Feedback from conservation professionals	EME & NNE
13:00-14:00	Lunch break*	
14:00-14:30	Part II – Examination of corrosion structures	CDE
	Introduction to the corrosion of metal artefacts	
14:30-15:30	Schematic representation of corrosion structures using	CDE & RJE
	binocular microscope & additional support on non-invasive	
	examination	
15:30-16:00	Coffee break*	
16:00-17:00	Digital construction of corrosion structures observed under	CDE & RJE
	binocular microscope	
17:00-17:30	Questioning of MiCorr database	CDE

* Each participant will take part in an eye-tracking experiment during 20min. They will be equipped with a pair of eye-tracking glasses that record eye movement and gaze shifts while using MiCorr. This information will allow us to analyse the way participants use the application (search for information, selection of answers, etc.) but also the way they interact with the analysed object. All information on gaze, head movements as well as field of view and sound are recorded.



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



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Thursday 16 February (9:00-18:00)

MICORR (follow-up)

9:00-10:15	Examination of corrosion structures on cross-section, their	NNE & CDE
	digital representation and re-questioning of MiCorr database	
10:15-10:45	Coffee break*	
10:45-11:30	Compilation of data in the artefacts files	CDE
11:30-12:00	Feedback from conservation professionals	CDE & RJE
12:00-13:00	Lunch break*	

DISCOVERYMAT: qualitative analysis of metal artefacts

13:00-13:30	E _{corr} measurements: an introduction to their meaning	CDE
13:30-14:00	DiscoveryMat application: possibilities & limits	CDE
14:00-14:30	Demonstration	CDE & RJE
14:30-15:00	Coffee break*	
15:00-16:00	Measurements	CDE & RJE
16:00-16:30	Data processing	CDE & RJE
16:30-17:00	Feedback from conservation professionals	CDE
17:00-18:00	Eye-tracking experiment*	
18:00	Social event	

Friday 17 February (9:00-18:00)

PLECO: qualitative analysis of corrosion layers

9:00-9:30	Context of development, possibilities & limits	CDE
9:30-10:00	Part I – Analysis of corrosion products using Linear Sweep	CDE
	Voltammetry	
10:00-10:30	Demonstration and tests	CDE & RJE
10:30-11:00	Coffee break*	
11:00-12:00	Application in the conservation domain	CDE
12:00-12:30	Research in progress: examination of silver tarnish	CDE
12:30-13:30	Lunch break*	
13:30-14:00	Part II –Pleco	RJE
	Its construction, assembling and functioning	
14:00-14:30	Practical use and tips	RJE
14:30-15:00	Coffee break*	
15:00-15:45	Experience with Pleco and case studies from the National	NNE & EME
	Museum of Slovenia	
15:45-16:30	Pleco applied on goldsmith heritage	RJE
16:30-17:00	Closing remarks	CDE & EME & NNE
17:00-18:00	Eye-tracking experiment*	



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