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**Rooms: Gallieni 3, 4**

**Workshop 19:** *Heritage Conservation / Corrosion of Archaeological Objects.*  
*organisers: Ph. Dillmann, G. Béranger*

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**Poster Sessions**    **Monday 13 September: 18:00 – 19:30**  
**Tuesday 14 September: 18:00 – 19:30**

*List of Posters: see at the end of this Workshop Program*

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## Tuesday 14 September

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**Room: Gallieni 3**

### *Joint Session 4 + 19*

Co-chairs: D. Crusset, T. Saario

- 14:00**            **04-KN-510**  
Corrosion behaviour of low alloy steels: from ancient past to far future.  
**Gérard SANTARINI**
- 14:40**            **04-O-059**  
Modelling carbon steels corrosion during a long period in soils: contribution of A.C. impedance spectroscopy.  
**Christian LEMAITRE**
- 15:00**            **19-O-498**  
Corrosion of iron artefacts from '200-500 AD preserved in situ at the waterlogged site Nydam, Denmark.  
**Henning MATTHIESEN**
- 15:20**            **19-O-218**  
A study on species transport in the corrosion products of ferrous archaeological analogues – a contribution to the modelling of iron long term corrosion behaviour.  
**E. VEGA**
- 15:40**            **Coffee break**
- 16:10**            **19-O-187**  
On the characterisation of the corrosion layout of ferrous archaeological analogues in binders.  
**Walter-John CHITTY**
- 18:00 - 19:30**    **Poster Session - List of Posters: see at the end of this Session Program**

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**Wednesday 15 September**

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**Room: Gallieni 4****Workshop 19**

Co-chairs: H. Matthiesen, P. Dillmann

- 08:40**            **19-KN-574**  
The original surface on the corroded metallic archaeological artefacts.  
**Régis BERTHOLON**
- 09:20**            **19-O-071**  
Protection of iron artefacts of the cultural heritage : use of the sodium carboxylates as corrosion inhibitors.  
**François MIRAMBET**
- 09:40**            **19-O-370**  
Rapid determination of the corrosion properties of lead alloys.  
**Tom BOS**
- 10:00**            **19-O-075**  
Study of the Degradation of a Copper Bottle of Byzantine Age.  
**Flavio DEFLORIAN**
- 10:20**            **Coffee break**
- Co-chairs: H. Matthiesen, G. Béranger
- 10:50**            **19-O-182**  
Comparative study of the corrosion process of buried Italian bronze artefacts and of aged copper-based alloys of similar composition.  
**Emma ANGELINI**
- 11:10**            **19-O-199**  
Corrosion patina or voluntary patina ? Contribution of non-destructive analyses to the surface study of copper based archaeological objects.  
**François MATHIS**
- 11:30**            **19-O-287**  
Study of patina formation on two bronze: Archaeological and B3.  
**Suzanne JOIRET**
- 11:50**            **19-O-488**  
Tin compounds characterisation from corroded ancient bronzes.  
**Paolo PICCARDO**
- 12:10**            **19-O-391**  
Electrochemical behavior of copper and copper alloys in aqueous solutions cleaning.  
**Amalia GAKI**
- 12:30**            **Lunch**

**Workshop 19: List of Posters**

- 19-P-019** Proposal of a description of active corrosion of archaeological iron objects.  
*Marie-Anne LOEPER-ATTIA*
- 19-P-096** Conservation of organ pipes: influence of microstructure and composition on corrosion of lead exposed to organic acid vapours.  
*Cristina CHIAVARI*
- 19-P-152** Corrosion problems and reconstruction of the copper roof on the Summer Palace of the Queen Anna in Pragueroof.  
*Vladimir CIHAL*
- 19-P-224** On-line corrosion monitoring of indoor atmospheres.  
*Lena SJÖGREN*
- 19-P-260** Studies of the corrosion mechanisms related to the presence of chlorine on the archaeological ferrous artefacts.  
*Solenn REGUER*
- 19-P-353** Mineral corrosion inhibitor to prevent decay in stone monuments: electrochemical evaluation.  
*Murielle BACH*
- 19-P-376** Surface characterisations of bronzes for artistic casting.  
*Anouk GALTAYRIES*