## 61st CSS Online schedule

The symposium will run over the following days: Monday 14th Sept to Wednesday 16th Sept

61st CSS registration link: [Click here](https://www.eventbrite.co.uk/e/61st-corrosion-science-symposium-tickets-108839385532?aff=ebdssbonlinesearch)

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|  | Time | Presenter |  |
| Monday 14th (AM) |  |  |  |
|  | **1030-1045** |  | **Zoom started** |
|  | 1045-1100 |  | Welcome and introduction |
|  |  |  | *Icebreakers* |
| 1 | 1100-1115 | **Joshua Owen**(University of Leeds) | *Predicting corrosion rates in complex flow geometries using computational fluid dynamics simulations of corrosive species mass transport* |
| 2 | 1115-1130 | **David Ruiz-Izuriaga**(University of Manchester) | *Towards sweet corrosion mechanisms: near ambient pressure XPS* |
| 3 | 1130-1145 | **Mariana Folena**(University of Leeds) | *A new rapid-screening technique for thiols quantification as VCI in real time monitoring CO2 top of line corrosion* |
| 4 | 1145-1200 | **Ellen Bluett**(Swansea University) | *The role of chromium oxide in suppressing filiform corrosion on Cr metal / Cr oxide coatings for steel used in packaging applications* |
|  | 1200-1215 |  | **Session 1:** Question and answer session |
|  |  |  |  |
| Monday 14th (PM) |  |  |  |
|  | **1345-1400** |  | **Zoom started** |
| 5 | 1400-1415 | **Alvaro Sanchez**(University of Southampton) | *Mechanisms of life enhancement by laser shock peening surface treatment in 7XXX aluminium alloys* |
| 6 | 1415-1430 | **Dounia El-Fadlaoui**(Hassan II University, Casablanca, Morocco) | *Polymer electrolyte based on nanosilver colloid for Cu/Zn batteries to prevent corrosion* |
| 7 | 1430-1445 | **Anastasija Lazareva**(University of Leeds) | *Evolution of iron carbonate* (*FeCO3*) *film in CO2-saturated environments and the effect on localized corrosion of X65 carbon steel* |
|  | 1445-1500 |  | **Session 2:** Question and answer session |
|  |  |  |  |
| Tuesday 15th (AM) |  |  |  |
|  | **1045-1100** |  | **Zoom started** |
| 8 | 1100-1115 | **Corentin Penot**(University of Southampton) | *Investigation of the corrosion performance of WAAM 316L stainless steel as-deposited and after stress relief heat treatment* |
| 9 | 1115-1130 | **Yading Wang**(Cranfield University) | *A study of the corrosion performance of Mg alloys using additive coating processing* |
| 10 | 1130-1145 | ***Christos Kousis****(Swansea University)* | *An investigation of the effect of chloride ion concentration on the localised corrosion of the E717 Mg alloy* |
| 11 | 1145-1200 | **Madan Pal**(University of Southampton) | *Functional anti-corrosion and anti-fouling CuZn metal-matrix composite coatings for marine applications* |
|  | 1200-1215 |  | **Session 3:** Question and answer session |
|  |  |  |  |
| Tues 15th (PM) |  |  |  |
|  | **1345-1400** |  | **Zoom started** |
| 12 | 1400-1415 | **Nordin Ben Seddik**(Faculté des Sciences de Tétouan, Maroc) | *Eugenol-modified Smectite-Illite (S-I) clay fractions as a protective pigment against corrosion of brass* |
| 13 | 1415-1430 | **Adil Saeed**(Bournemouth University) | *Novel mechanistic mathematical modelling for corrosion condition monitoring of nano coatings* |
| 14 | 1430-1445 | **Katarzyna Rzeszutek**(University of Manchester) | *Factors controlling the performance of protective marine coatings based on zinc* |
|  | 1445-1500 |  | **Session 4:** Question and answer session |
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| Weds 16th (PM) |  |  |  |
|  | **1345-1500** |  | **Zoom started** |
|  | 1400-1500 | **Prof Robert Cottis** | **UR Evans award presentation and plenary talk***Electrochemical Noise – what is it – what can it tell us?* |
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| 15 | 1530-1545 | **David Kumar**(University of Bristol) | *Investigation of the aqueous corrosion of fusion reactor WCLL breeder blanket structural material Eurofer-97 for DEMO* |
| 16 | 1545-1600 | **Isehaq Al-Nafai**(University of Manchester) | *Electrochemical study of the effects of adding pigments to zinc rich coatings* |
| 17 | 1600-1615 | **Monique Latty**(Swansea University) | *Factors affecting corrosion of cast iron water mains* |
|  | 1630-1645 |  | **Session 5:** Question and answer session |
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|  | **1645-1700** |  | **Shreir award and closing remarks** |
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