

**THE  
9<sup>TH</sup> LONDON-INNSBRUCK  
COLLOQUIUM  
ON STATUS EPILEPTICUS  
AND ACUTE SEIZURES**

**APRIL 8 - 10, 2024  
IMPERIAL COLLEGE LONDON, UK**



[WWW.STATUSEPILEPTICUS.EU](http://WWW.STATUSEPILEPTICUS.EU)



## LIST OF FACULTY

Bartolomei, Fabrice, France  
Bialer, Meir, Israel  
Bisulli, Francesca, Italy  
Bleck, Thomas, United States  
Bosque Varela, Pilar, Austria  
Cock, Hannah, United Kingdom  
Cole, Andrew J., United States  
Cook, Mark, Australia  
Cross, Helen, United Kingdom  
De Stefano, Pia, Switzerland  
Fernandez-Torre, Jose, Spain  
Fountain, Nathan, United States  
Gardella, Elena, Denmark  
Haider, Hiba, United States  
Hocker, Sara, United States  
Irani, Sarosh, United Kingdom  
Kapur, Jaideep, United States  
Kälviäinen, Reetta, Finland  
Kämpfi, Leena, Finland  
Kullmann, Dimitri, United Kingdom  
Leitinger, Markus, Austria  
Lignani, Gabriele, United Kingdom  
Lowenstein, Daniel, United States  
Löscher, Wolfgang, Germany  
Maciel, Carolina, United States  
McTague, Amy, United Kingdom  
Meletti, Stefano, Italy  
Moss, Stephen, United States  
Mula, Marco, United Kingdom  
Neligan, Aidan, United Kingdom  
Ng, Macus, Canada  
Pressler, Ronit, United Kingdom  
Richardson, Mark, United Kingdom  
Rogawski, Michael A., United States  
Rogers, Jonathan, United Kingdom  
Sankar, Raman, United States  
Schoeler, Natasha, United Kingdom  
Shorvon, Simon, United Kingdom  
Singh, Gagandeep, India  
Specchio, Nicola, Italy  
Strzelczyk, Adam, Germany  
Sutula, Thomas, United States  
Taubøll, Erik, Norway  
Taylor, Peter, United Kingdom  
Tinuper, Paolo, Italy  
Trinka, Eugen, Austria  
Walker, Matthew, United Kingdom  
Wirrell, Elaine, United States  
Zolkowska, Dorota, United States



## **PRELIMINARY PROGRAMME TEACHING COURSE CONTINUOUS EEG IN ICU**

(January 2024)

### **Venue cEEG course**

University College London  
Institute of Neurology, Lecture theatre  
33 Queen Square  
London WC1N 3BG, UK

**Sunday, April 7<sup>th</sup> 2024**

### **09.00 – 17.45 Pre-Colloquium teaching course Continuous EEG in ICU**

Chairs: Eugen Trinka (Salzburg, Austria), Matthew Walker (London, UK)

#### **09.00 – 09.10 Introduction**

Eugen Trinka (Salzburg, Austria)

#### **09.10 – 11.10 Session 1: Study results on outcome – the rationale**

09.10 – 09.30 cEEG: impact on mortality

09.40 – 10.00 cEEG: impact on morbidity

10.10 – 10.30 Epidemiology and Interraterreliability of ACNS findings

10.40 – 11.00 Update on myoclonus in hypoxic patients

11.10 – 11.30 Coffee Break

#### **11.30 – 13.00 Session 2: Classical three criteria for status epilepticus**

11.30 – 11.50 Epileptiform discharges >25/ 10s

12.00 – 12.20 Evolution in frequency morphology, or location

12.30 – 12.50 Time-locked clinical correlate

13.00 – 14.00 Lunch Break

#### **14.00 – 15.30 Session 3: The Ictal-Interictal continuum**

14.00 – 14.20 IV ASM administration – the concept

14.30 – 14.50 The Ictal-Interictal continuum (IIC) from an adult perspective

15.00 – 15.20 The Ictal-Interictal continuum (IIC) from a pediatric perspective

15.30 – 15.50 Coffee Break

#### **15.50 – 17.35 Session 4: Practical Session**

(groups rotating, possibility to discuss own ICU EEGs / cEEGs / ED EEGs)

15.50 – 16.20 Examples of EEG interpretation

16.25 – 16.55 Use and abuse of EEG technologies in ITU

17.00 – 17.30 Quiz

#### **17.35 – 17.45 Summary and future**

Eugen Trinka (Salzburg, Austria), Matthew Walker (London, UK)

**PRELIMINARY PROGRAMME**  
**9th LONDON-INNSBRUCK COLLOQUIUM ON STATUS EPILEPTICUS**

(January 2024)

**Venue conference**

Imperial College London, Sherfield Building  
South Kensington Campus  
London SW7 2AZ, UK

**Monday, April 8<sup>th</sup> 2024**

**09.00 – 09.45 Introduction: Opening and ILAE address**

Eugen Trinka (Salzburg, Austria), Simon Shorvon (London, UK), Matthew Walker (London, UK)

Surviving Status Epilepticus - The patient and family perspective  
tba

**09.45 – 11.45 Session 1: Aetiology and predictors of status epilepticus**

Chairs: Mark Richardson (London, UK), Erik Taubøll (Oslo, Norway)

09.45 - 10.05 AI and machine learning in status epilepticus  
Stefano Meletti (Modena, Italy)

10.25 – 10.45 Informatics and implementation science in status epilepticus  
Hiba Haider (Chicago, USA)

11.05 – 11.25 The role of the frontal lobe in Status epilepticus  
Eugen Trinka (Salzburg, Austria)

11.45 - 12.15 Coffee Break

**12.15 – 13.15 Potential Satellite**

13.15 - 14.15 Lunch Break & Posters

**14.15 – 15.15 Session 2: Key Note Lecture: The past and future of treatment of status epilepticus**

Chairs: Daniel Lowenstein (San Francisco, USA)

14.00 – 14.20 The past treatment of status epilepticus and its sometimes painful lessons  
Simon Shorvon (London, UK)

14.30 – 14.50 The future treatment and direction of treatment of status epilepticus  
Thomas Bleck (Chicago, USA)

15.15 - 15.45 Coffee Break

**15.45 – 17.45 Session 3: The long-term outcomes of status epilepticus**

Chairs: Sarah Hocker (Kansas City, USA), Paolo Tinuper (Bologna, Italy)

15.45 – 16.05 Mortality and morbidity of status epilepticus over the long term  
Leena Kämppi (Helsinki, Finland)

16.25 - 16.45 New MRI data on brain damage caused by status epilepticus  
Pilar Bosque-Varela (Salzburg, Austria)

17.05 – 17.25 Impact of social factors on the outcome of status epilepticus  
Aiden Neligan (London, UK)

**08.30 – 10.30 Session 4: The borderlands of status epilepticus: psychosis and encephalopathy**

Chairs: Marco Mula (London, UK), Helen Cross (London, UK)

08.30 – 08.50 Catatonia and its differentiation from status epilepticus  
Jonathan Rogers (London, UK)

09.10 – 09.30 Status epilepticus and psychosis: Lessons from SEEG  
Fabrice Bartolomei (Marseille, France)

09.50 – 10.10 Subacute encephalopathy with seizures in alcoholics (SESA)  
José L. Fernandez-Torre (Santander, Spain)

10.30-11.00 Coffee Break

**11.00 – 13.00 Session 5: Status epilepticus in the Developmental and Epileptic Encephalopathies (DEEs)**

Chairs: Amy McTague (London, UK), Reetta Kälviainen (Kuopio, Finland)

11.00 - 11.20 Overview of clinical and physiological aspects of status epilepticus in the DEEs  
Elaine Wirrell (Rochester, USA)

11.40 - 12.00 The occurrence and clinical features of status epilepticus in the channelopathies  
Elena Gardella (Dianalund, Denmark)

12.20 – 12.40 To what extent does status epilepticus contribute to brain damage in the DEEs  
Nicola Specchio (Rome, Italy)

13.00 - 14.00 Lunch Break and Posters

**14:00 – 15:00 Potential Satellite**

15.00 – 15.30 Coffee Break

**15.30 – 17.30 Session 6: Modelling of status epilepticus**

Chairs: Raman Sankar (Los Angeles, USA), Dimitri Kullmann (London, UK)

15.30 – 15.50 Mammalian models of status epilepticus  
Wolfgang Löscher (Hannover, Germany)

16.10 – 16.30 Organoids as a model of status epilepticus  
Gabriele Lignani (London, UK)

16.50 – 17.10 In silico models of status epilepticus  
Peter Taylor (Newcastle upon Tyne, UK)

19.30 Dinner at Stationer's Hall

**08.50 – 10.50 Session 7: Socio economics and status epilepticus**

Chairs: Markus Leitinger (Salzburg, Austria), Andrew Cole (Boston, USA)

08.50 - 09.10 The challenges of treating status epilepticus in rural India  
Gagandeep Singh (Ludhiana, India)

09.30 – 09.50 The challenges of treatment status epilepticus in rural Canada  
Marcus Ng (Winnipeg, Canada)

10.10 – 10.30 The social and economic impact of status epilepticus in Europe  
Adam Strzelczyk (Frankfurt am Main, Germany)

10.50 - 11.20 Coffee Break

**11.20 – 13.20 Session 8: Treatment issues in status epilepticus**

Chairs: Jaideep Kapur (Charlottesville, USA), Nathan Fountain (Charlottesville, USA)

11.20 - 11.40 Why have drug trials failed in status epilepticus – wrong trials or wrong drugs?  
Hannah Cock (London, UK)

12.00 – 12.20 Which drugs should be considered for repurposing for use in status epilepticus  
Matthew Walker (London, UK)

12.40 – 13.00 Misdiagnosis and mistreatment of autoimmune encephalitis in the context of status epilepticus  
Sarosh Irani (Jacksonville, USA)

13.20 - 14.20 Lunch Break and Posters

**14.20 - 15.50 Session 9: Novel treatments of status epilepticus I**

Chairs: Francesca Bisulli (Bologna, Italy), Mike Rogawski (Sacramento, USA)

14.20 – 14.40 Intraventricular low dose Valproate  
Mark Cook (Melbourne, Australia)

15.00 – 15.15 KCC2 activation as a mechanism to alleviate status epilepticus and the associated neuronal injury  
Stephen Moss (Boston, USA)

15.25 – 15.40 Progress in the development of 2DG in status epilepticus  
Thomas Sutula (Madison, USA)

15.50 - 16.20 Coffee Break

**16.20 – 18.00 Session 10: Novel treatments of status epilepticus II**

Chairs: Dorota Zolkowska (Sacramento, USA), Meir Bialer (Jerusalem, Israel)

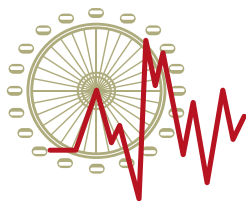
16:20 – 16:35 Does the ketogenic diet have a role in the treatment of status epilepticus  
Natasha Schoeler (London, UK)

16:45 – 17:00 Vigabatrin in post-anoxic status epilepticus  
Carolina Maciel (Gainesville, USA)

17.10 - 17.50 Non-IV administration of drugs  
Michael A. Rogawski (Sacramento, USA)

**18.00 – 18.20 Closing Remarks**

Eugen Trinka (Salzburg, Austria), Simon Shorvon (London, UK), Matthew Walker (London, UK)



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**COLLOQUIUM CHAIRS**

SIMON SHORVON, LONDON, UK  
EUGEN TRINKA, SALZBURG, AUSTRIA  
MATTHEW WALKER, LONDON, UK

**CONGRESS VENUE**

IMPERIAL COLLEGE LONDON,  
SHERFIELD BUILDING  
SOUTH KENSINGTON CAMPUS  
LONDON SW7 2AZ, UK

**VENUE CEEG COURSE**

UNIVERSITY COLLEGE LONDON,  
INSTITUTE OF NEUROLOGY  
LECTURE THEATRE 33 QUEEN SQUARE  
LONDON WC1N 3BG, UK

**CONFERENCE ORGANISATION**

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