

**E³⁺**

I ENCONTRO DE ELETROQUÍMICA E ELETROANALÍTICA IQ-USP

Sexta-feira, 17 de fevereiro de 2017

Anfiteatro cinza – IQ-USP

PROGRAMAÇÃO

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- 08:00** Cadastro
08:45 Abertura
Apresentações Orais
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- 09:00** **LME: Coupled techniques, electrochemistry behind enemy lines (André Dourado)**
09:30 Multifunctional electrochemical probes applied to electrochemical imaging (Gabriel N. Meloni)
09:45 Study of electrooxidation products of primary alcohols by EC-CE-C4D: assessment of the conversion efficiency of alcohols into their carboxylates on gold and platinum electrodes in different media (Dr. Mauro S. F. Santos)
10:00 Development of analytical device coupling electrochemical sample pre-treatment and colorimetric detection (Thalita G. Silva)
10:15 Device development for the study of carbonic acid hemiesters by electro dialysis extraction (Guilherme H. Favarin)
10:30 Coffee-break
10:50 **LAIA: CE-MS: Principles and Applications (Dr. Daniela Daniel)**
11:15 Development of self-assembled monolayer of thiol on gold electrodes and application for the in situ formation of gold nanoparticles (Ms. Caroline G. Sanz)
11:30 Electrodeposition of Metals on Porous Polymeric Templates (Rafael N. P. Colombo)
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- 12:00** Almoço
Apresentações Orais
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- 13:30** **L₂ESQ: Portable and low-cost devices (Dr. William Reis)**
14:00 Acetylcysteine quantification in pharmaceutical formulae using electrode modified with mixed nickel and lead hydroxide (Pamela O. Rossini)
14:15 Electro-controlled Swelling and Water Uptake of a 3-D Conducting Polypyrrole Hydrogel (Dr. Jadielson L. S. Antonio)
14:30 **LSEME: Electrochemical sensors: a tool for straightforward sensing (Ms. Jéssica Soares)**
15:00 Short break
15:15 **LABEA: Electrochemical behavior of biological and environmental molecules at voltammetric sensors - Detection of molecule-target interaction (Raphael Bacil)**
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- 15:45** Posters
17:00 Mesa redonda - Eletroquímica e Eletroanalítica no IQ-USP: Passado, Presente e Futuro
Docentes convidados: Mauro Bertotti, Silvia Serrano, Thiago R.L.C. Paixão, Claudimir L. do Lago, Lúcio Agnes, Susana I. C. Torresi, Roberto M. Torresi e Ivano G. Gutz
18:30 Encerramento
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**PATROCINADORES E
AGRADECIMENTOS**

 **Metrohm**
Brasil

