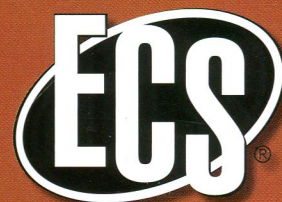


RU
1-69/8

INTERFACE

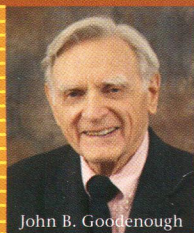
VOL. 23, NO. 1
Spring 2014



IN THIS ISSUE

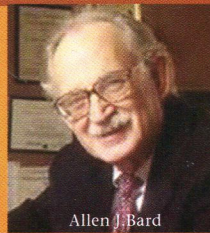
- 3 *From the Editors:
Writing New Chapters*
- 7 *Pennington Corner:
Free the Science*
- 9 *ECS Launches
Author Choice Open Access*
- 23 *Special Section:
225th ECS Meeting
Orlando, Florida*
- 34 *ECS Classics
Brian Conway Remembered*
- 37 *Currents: Reflections
on Chemistry and
Electrochemistry
after Fifty Years of Practice*
- 43 *Tech Highlights*
- 45 *Interfacial Electrochemistry
of Ionic Liquids*
- 47 *Electrodeposition in
Ionic Liquids*
- 53 *Vacuum Electrochemistry
in Ionic Liquids*
- 59 *Influence of Molecular
Organization of
Ionic Liquids on
Electrochemical Properties*
- 65 *Interfaces between
Charged Surfaces
and Ionic Liquids:
Insights from Molecular
Simulations*

Interfacial Electrochemistry of Ionic Liquids



John B. Goodenough

Newest
ECS Honorary Members



Allen J. Bard

INTERFACE™

Vol. 23, No. 1
Spring 2014



45 Interfacial Electrochemistry of Ionic Liquids

by *Andreas Bund and Frank Endres*

47 Electrodeposition in Ionic Liquids

by *Adriana Ispas and Andreas Bund*

53 Vacuum Electrochemistry in Ionic Liquids

by *Oliver Höfft and Stefan Krischok*

59 Influence of Molecular Organization of Ionic Liquids on Electrochemical Properties

by *Natalia Borisenko, Rob Atkin, and Frank Endres*

65 Interfaces between Charged Surfaces and Ionic Liquids: Insights from Molecular Simulations

by *Vladislav Ivaniššev and Maxim V. Fedorov*

3 From the Editors:
Writing New Chapters

7 Pennington Corner:
Free the Science

9 ECS Launches
Author Choice Open Access

13 Society News

23 Special Section:
225th ECS Meeting
Orlando, Florida

34 ECS Classics
Brian Conway Remembered

37 Currents:
Reflections on Chemistry
and Electrochemistry
after Fifty Years of Practice

40 People News

43 Tech Highlights

70 Section News

72 Awards

75 New Members

79 Student News

On the cover . . .

In situ STM images of the Au(111) surface in different ionic liquids. (See related article on page 59.)

Cover design by Dinia Agrawala.