

The Electrochemical Society

Mechanistic Organic Electrochemistry, in Honor of the 80th Birthday of Professor Petr Zuman

at the 209th ECS Meeting

ECS Transactions Volume 2 No.23

May 7-12, 2006
Denver, Colorado, USA

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571
www.proceedings.com

ISBN: 978-1-56677-534-2

Some format issues inherent in the e-media version may also appear in this print version.

ECS Transactions, Volume 2, Issue 23
Mechanistic Organic Electrochemistry, in Honor of the 80th Birthday of
Professor Petr Zuman

Table of Contents

Preface

Electrochemical Study of Aromatic Ketones in 1-Ethyl-3-methylimidazolium tetrafluoroborate <i>G. T. Cheek, D. Canby and E. Sanders</i>	1
On the Electrochemistry of 2,4,6-triphenylnitrobenzene <i>H. Lund</i>	7
Ferrocene Derivatives in Voltammetric Investigations of Intramolecular Electronic Interactions <i>J. Ludvík and P. Stepnícka</i>	17
The Quest for Electrodes Coated with Vitamin B12 Derivatives <i>R. Keese, H. Siegenthaler, R. Luginbühl, A. M. Rashid and M. Schnippering</i>	27
Search for a One-Electron Reduction of the Cation Radical of an "Extended Viologen", p-Phenyleno-bis-4,4'-(1-Aryl-2,6-Diphenylpyridinium) <i>L. Pospíšil, M. Hromadová, J. Fiedler, M. Gál, M. Valášek, J. Pecka and J. Michl</i>	35
Theoretical Treatment of 3-Phenylsubstituted Thiophenes and Their Intrinsically Conducting Polymers <i>R. Holze and W. Alhalasah</i>	45
STM Imaging of Proteins on Semiconducting Substrates <i>K. Skorupska, D. Smith, D. A. Campbell, H. Jungblut and H. J. Lewerenz</i>	63
Reductive Cleavage of Halides in Decomposition of Substituted Benzonitrile Pesticides <i>R. Sokolova, E. Machnikova, J. Fiedler, M. Hromadova, S. Giannarelli and L. Pospíšil</i>	75
M(0)- Aminocarbene Complexes (M=Cr,W,Fe) : Redox Behaviour Tuned by Metal and/or Ligand Modification <i>J. Ludvík, I. Hoskovcová, J. Roháčová and D. Dvořák</i>	87
Author Index	95