## The Electrochemical Society

## **Student Posters (General)**

at the 208th ECS Meeting

**ECS Transactions Volume 1 No.23** 

October 16-21, 2005 Los Angeles, California, USA

Printed from e-media with permission by:

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

ISBN: 1-56677-476-4

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

Copyright 2006 by The Electrochemical Society, Inc. All rights reserved.

This book has been registered with Copyright Clearance Center, Inc. For further information, please contact the Copyright Clearance Center, Salem, Massachusetts.

Published by:

The Electrochemical Society, Inc. 65 South Main Street Pennington, New Jersey 08534-2839, USA

> Telephone 609.737.1902 Fax 609.737.2743 e-mail: ecs@electrochem.org Web: www.electrochem.org

> > ISBN 1-56677-476-4

Printed in the United States of America

## ECS Transactions, Volume 1, Issue 23 Student Posters (General)

## **Table of Contents**

Modeling Backward Wave Oscillations in a High Gain TWT  V. Kumar and A. Vohra	1
Fabrication of Rare Earth-Transition Metal Alloy Nanowires and Nanotubes E. J. Podlaha and R. Mishra	9
Dependence of Photoresist and Etch Residue Removal on CO <sub>2</sub> Pressure in Alcohol-Based Gas-Expanded Liquids  D. Hess, I. Song, M. Spuller, and G. Levitin	17
Fabrication of Poly-Si TFT on Glass Using Scanning RTA and Light Absorption Layer Y. Pyo, M. Kim, Y. Yoon, and S. Joo	25
Semi-transparent UV-Detecting ZnO-TFTs with Polymer Gate Dielectric S. Im, H. Bae, J. Choi, D. Hwang, J. Kim, and K. Lee	29
Author Index	41