The Electrochemical Society

Persistent Phosphors 3

at the 211th ECS Meeting

ECS Transactions Volume 6 No.27

May 6 - 11, 2007 Chicago, Illinois, USA

Printed from e-media with permission by:

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

ISBN: 978-1-60560-310-0

 $Some \ format \ issues \ inherent \ in \ the \ e\text{-media} \ version \ may \ also \ appear \ in \ this \ print \ version.$

Copyright 2008 by The Electrochemical Society. All rights reserved.

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

Published by:

The Electrochemical Society 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

ISSN 1938-6737 (online) ISSN 1938-5862 (print)

Printed in the United States of America.

ECS Transactions, Volume 6, Issue 27 Persistent Phosphors 3

Table of Contents

P	re	fac	e

Synchrotron Radiation Study of the M2MgSi2O7:Eu2+ Persistent Luminescence Materials J. P. Holsa, J. Niittykoski, M. Kirm, T. Laamanen, M. Lastusaari, P. Novak and J. Raud	1
Long Persistent White Light Emitting Diode D. Jia, J. Girardi and K. Greenland	11
Long Persistent Greenhouse Film D. Jia, D. N. Hunter and J. E. Wilhelm	19
Preparation and Photoluminescent Properties of new Europium Complexes with 2'-Hydroxy- 3-(p- methoxyphenyl) Propiophenone R. Kumar, J. K. Makrandi, V. B. Taxak and S. P. Khatkar	25
Author Index	31