



The SABIC Polymer Research Chair (SPRC)

&

Center of Excellence for Research in
Engineering Materials

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King Saud University

Presents

A 3-day Intensive Seminar on

Materials Science of Polymers - The 5 P's

15 - 17 November 2008

**At the Faculty of Engineering
King Saud University**

Presented by

**Professor Tim Osswald
University of Wisconsin-Madison**

Please fill out the enclosed registration form and fax it to **966-1-468-8770** or e-mail it to sprc@ksu.edu.sa

Name: -----

Occupation: -----

Institution: -----

Phone number: -----

e-mail: -----

Mailing address: -----

Seminar fee is **4500 SR** which includes the seminar booklet in an elegant briefcase, refreshments, & lunches.

For more information please contact:
Dr. Rabeah Elleithy @ 467-6747

First day

09:00-09:30	Registration and Kick off
09:30-10:40	The 5 P's in Polymer Engineering
10:40-11:00	Refreshment
11:00-12:15	Introduction to Polymers
12:15-01:30	Prayer and Lunch
01:30-02:30	Polymer Recognition and Diagnostics
02:30-03:30	Introduction to Mixing and Blending

Second day

09:00-10:30	Anisotropy Development During Processing
10:30-10:45	Refreshment
10:45-12:15	Solidification, Shrinkage and Warpage
12:15-01:30	Prayer and Lunch
01:30-02:30	Mechanical Behavior of Polymers
02:30-03:30	Failure of Polymers

Third day

09:00-10:00	Simulating Polymer Processes
10:00-11:00	Processing Innovations
11:00-11:20	Refreshment
11:20-12:20	Materials Innovations
12:20-01:30	Prayer and Lunch
01:30-02:30	Polymers from Renewable Resources
02:30-03:30	Modeling Innovations

Tim A. Osswald

Kuo K. and Cindy F. Wang Professor

**Department of Mechanical Engineering
University of Wisconsin-Madison**



- He is co-Director of the Polymer Engineering Center at the University of Wisconsin-Madison and is Honorary Professor of Plastics Technology at the University of Erlangen-Nuremberg in Germany.
- Professor Osswald has published over 100 papers, the books *Materials Science of Polymers for Engineers* (Hanser, 1996, 2003), *Polymer Processing Fundamentals* (Hanser 1998), *Injection Molding Handbook* (Hanser, 2001, 2007) *Compression Molding* (Hanser, 2003), *Polymer Processing Modeling and Simulation* (Hanser 2006), *International Plastics Handbook* (Hanser 2006), and *Kunststoff Taschenbuch* (Hanser 2007). Professor Osswald is also the series editor of *Plastics Pocket Power* (Hanser, 2001), which currently includes 6 books.
- Osswald serves as the English Language Editor of *The Journal of Plastics Technology*, and as an Editor for the *Americas of the Journal of Polymer Engineering*.
- Professor Osswald has served as a consultant to several industries, is one of the co-founders of *The Madison Group*. Professor Osswald has also served as an expert witness in polymer engineering litigation.