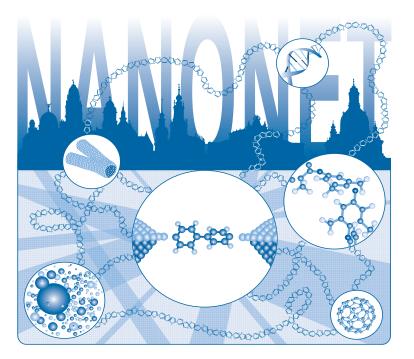
# INTERNATIONAL HELMHOLTZ RESEARCH SCHOOL FOR NANOELECTRONIC NETWORKS

# COURSE: Introduction to Polymer Chemistry

### Prof. Dr. Rainer Jordan

Department of Chemistry, TU Dresden

- Dates: 09, 16, 23, 30 January 2014
- Time: 09:20 10:50
- Place: **TU Dresden, BEY/98** (Beyer-Bau, George-Bähr-Str. 1, Room 98)



HELMHOLTZ

NANONET

ROSSENDORF

ZENTRUM DRESDEN

#### **Table of Contents**

- 1. Introduction
- 2. Historical development
- 3. Molar mass distribution, Polymer characterization
- 4. Free-radical Polymerization
- 5. Ionic Polymerization
- 6. Controlled radical Polymerization
- 7. Polymerization Processes
- 8. Molecular Architecture and design
- 9. Summary

## You are cordially invited to attend the course





ZENTRUM DRESDEN

HELMHOLTZ

ROSSENDORF

C



🗾 Fraunhofer

**IZEP** 







