

## **The 49<sup>th</sup> Annual Short Course**

### **"ADVANCES IN EMULSION POLYMERIZATION AND LATEX TECHNOLOGY"**

A One-Week Short Course  
held at the Hotel Grischa  
in the Davos resort area  
of Switzerland

**August 10-14, 2026**

#### **COURSE DIRECTORS**

##### **Dr. Mohamed S. El-Aasser**

Professor of  
Chemical & Biomolecular Engineering,  
Lehigh University

##### **Dr. F. Joseph Schork**

Professor of  
Chemical & Biomolecular Engineering  
Georgia Institute of Technology



#### **COURSE DESIGN**

The course is an in-depth study of the synthesis, characterization, and properties of high polymer latexes. The subject matter includes a balance of theory and practical problems. Lectures will begin with introductory material and will progress through recent research results. Lectures will be given in English, and are held in the morning, the late afternoon, and the evening, with a large break in the afternoon to enjoy the recreational activities of the area and allow for interactions between the participants. Organized hikes and visits to points of interest in and around Davos will be arranged for some of the afternoons.

#### **PARTICIPANTS**

The course is designed for engineers and scientists who are actively involved in emulsion work, as well as for those who wish to develop expertise in the area. A basic background in chemistry will be assumed. All participants will receive a set of course notes for the lectures.



### **COURSE FEE**

The Registration Fee for the short course is US \$1,950. The Registration Fee will cover attendance, coffee breaks and a set of course notes. Payment may be made by check, wire transfer or credit card. Credit card payments may be made at the course website. Due to potential printing, shipping and customs delays, we cannot guarantee course notes will be available if payments are not made by May 15.

*Refund requests received before June 1 will be honored in full less wire transfer and credit card fees.*



## COURSE SCHEDULE

### **MONDAY, August 10, 2026**

08:30 - 10:00 Free Radical Polymerization Mechanisms and Kinetics (F. J. Schork)  
10:00 - 10:30 Break  
10:30 - 12:00 Emulsion Polymerization Mechanisms and Kinetics (F. J. Schork)  
16:30 - 18:00 Branching and Grafting in Emulsion Polymerizations (P. A. Lovell)  
20:00 - 21:45 The Role of Surfactants in Emulsion Polymerization Processes and Kinetics (M. S. El-Aasser)

### **TUESDAY, August 11, 2026**

08:00 – 09:30 Semi-Continuous Emulsion Polymerization and Structured Latexes (M. F. Cunningham)  
09:30 – 09:45 Break  
09:45 – 11:15 Latex Rheology (F. J. Schork)  
11:15 – 11:30 Break  
11:30 – 13:00 Reactor Design and Scale-up in Emulsion Polymerization (M. F. Cunningham)  
16:30 - 18:00 Correlation between Colloidal Structure and Applications of Acrylic latexes (B. Reck)  
20:00 - 21:30 Discussion of Applications and Problems Submitted by Course Participants

### **WEDNESDAY, August 12, 2026**

08:30 - 10:00 Colloidal Stabilization and Destabilization Mechanisms of Latex Systems (M. S. El-Aasser)  
10:00 - 10:30 Break  
10:30 - 12:00 Latex Film Formation (P. A. Lovell)  
16:30 - 18:00 Experimental Methods for the Characterization of Latex Particle Size (B. Reck)  
20:00 - 21:45 Miniemulsions and their Latex Systems via Polymerization in Monomer Droplets and Direct Emulsification of Polymer Solutions (M. S. El-Aasser)

### **THURSDAY, August 13, 2026**

08:00 – 09:30 Living Radical Polymerization and Recent Advances in Emulsion Polymers (M. F. Cunningham)  
09:30 – 09:45 Break  
09:45 – 11:15 Film Formation and Film Properties of Acrylic Latexes for Coatings and Adhesives (B. Reck)  
11:15 – 11:30 Break  
11:30 – 13:00 Sensors and Control of Emulsion Polymerization Reactors (F. J. Schork)  
16:30 - 18:00 Water-Borne Soft-Soft Nanocomposites: Principles and Application Case Studies (P. A. Lovell)  
20:00 - 21:00 Discussion of Applications and Problems Submitted by Course Participants

### **FRIDAY, August 14, 2026**

Departure after Breakfast



## LOCATION

The course will be held at the Hotel Grischa in Davos Platz in the Graubünden resort area of Switzerland. Numerous recreational opportunities are available to both participants and their guests during the short course.

Just 656 feet from the center of Davos, the Hotel Grischa is a 4-star hotel. The Davos-Platz Train Station is across the street. The Grischa's spacious and individually decorated rooms are furnished in an elegant Alpine style. They feature HD-enabled satellite TV with free internet access, a mini-bar, a seating area, and a bathroom with a hairdryer. The Grischa also features a cigar lounge, a wine cellar, and a sun terrace. Guests can benefit from the Davos Inclusive Card in summer. Large commons areas allow informal conversations between course participants and course lecturers outside of the formal sessions.



Davos is about 100 km north of St. Moritz in southeastern Switzerland. It can be reached by air by flying into Zurich, and then taking Swiss Rail to Davos Platz, with a change of trains in Landquart. From northern Europe, the most common rail route is via Zurich and Landquart to Davos Platz. Driving to Davos should be no problem, since the roads into Davos, although mountainous, are good.

## HOTEL RATES

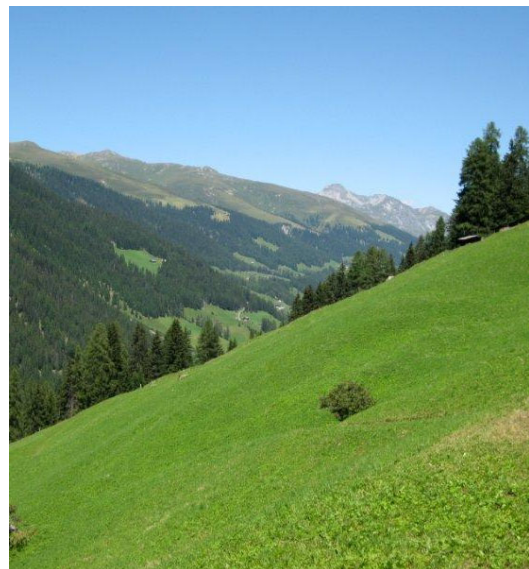
Short Course room rates are:

**CHF 225** for a single room with bath

**CHF 380** for a double room with bath

Rates for children are available from the hotel.

Rates include a buffet breakfast, a three course fixed-menu dinner elegantly served with the course participants, free WiFi, and free use of the public transportation system in Davos. Conference rates will also apply for early arrival or extended stays.



## LECTURE ABSTRACTS

### **Semi-Continuous Emulsion Polymerization and Structured Latexes**

**Michael Cunningham (Queens University)**

Semi-continuous (or semi-batch) polymerizations in which the monomer is added incrementally during the course of reaction are commonly used in industrial processes because they allow control of the polymerization rate, and because they can be used to control the particle morphology. "Structured latexes" are emulsion polymer particles in which the internal morphology and/or composition vary through the particle. Examples include core-shell particles, and particles with radial composition gradients between the particle core and surface. The discussion will describe how semi-continuous processes are run, the unique features of operating an emulsion polymerization in semi-continuous mode, and how structured latexes can be synthesized.



### **Future Directions for Emulsion Polymers**

**Michael Cunningham (Queens University)**

While significant advances have occurred in emulsion polymerization in recent decades, in both our fundamental understanding and in practice, the basic chemistry of the process has seen little change until recently. Significant for the development of future commercial products are advances being made in polymer chemistry and catalysis that allow synthesis of polymer colloids with control of the polymer microstructure, polymer colloids made using monomers not previously polymerizable in water-based systems, and in the development of polymer colloids from renewable resources including natural polymers. As this chemistry matures, new classes of polymer colloids will emerge, possibly ushering in entirely new fields of application and considerable opportunities for product innovation. For example, "living" (or "controlled") radical polymerizations (LRP/ CRP) provide a novel and potentially inexpensive route to designing polymers with controlled microstructure (e.g. block copolymers) and narrow molecular weight distributions. Earlier studies focused on homogeneous bulk and solution living radical polymerizations, but our ability to conduct LRP in aqueous dispersed phase systems has now progressed to a point where commercial applications are feasible. This presentation introduces the three major living radical polymerization chemistries (nitroxide-mediated radical polymerization (NMRP), atom transfer radical polymerization (ATRP) and reversible-addition-fragmentation-transfer polymerization (RAFT)), and summarizes recent progress of these systems in bulk and emulsion-based systems. The emphasis will be on those aspects of operating in a heterogeneous environment that influence the polymerization rate, the molecular weight distribution and the livingness of the system. The presentation will also highlight recent advances in the use of other non-radical chemistries to make polymer colloids, and in progress to make "green" polymer colloids from renewable feedstocks and natural polymers.

### **Reactor Design and Scale-up in Emulsion Polymerization**

**M. Cunningham (Queen's University)**

The principles of designing and safely operating emulsion polymerization reactors will be presented in the context of how the selection of reactor type, mode of operation (batch, semi-batch/semi-continuous, continuous) and specific reaction conditions influence latex product properties and reactor productivity. The first part of the presentation will emphasize the inter-action of the chemistry and kinetics of emulsion polymerization with the physical design and operation of the reactor. The second part of the presentation will examine the issues involved in converting a laboratory scale emulsion polymerization process to a production scale process, including consideration of reaction kinetics, heat transfer and mixing. Emulsion polymerizations often pose a difficult scaleup challenge since by their nature the polymerization kinetics are coupled with both heat and mass transfer. Consequently almost any change to the process during scaleup is likely to impact product properties, whereas the primary goal of scaleup is to reproduce the latex

properties obtained in bench scale experiments. The principles of scaling up an emulsion polymerization will be introduced, and specific challenges will be discussed.

### **The Role of Surfactants in Emulsion Polymerization and Kinetics**

**Mohamed S. El-Aasser (Lehigh University)**

Surfactants play major roles in emulsion polymerization during the particle nucleation and growth stages, with direct impact on latex particle size, size distribution, polymerization rate, polymer molecular weight, and particle morphology. Surfactants are also essential during post-polymerization processes: stripping, storage, shipping, and formulation for several applications. The general characteristics of surfactants and their adsorption profiles on latex particles will be reviewed. The specific role of surfactants (single and mixtures of surfactants) on the kinetics of emulsion polymerization (rate of polymerization and evolution particle number as a function of polymerization time according to the various nucleation mechanisms) will be described. The influence of water-solubility of monomers, partition of the surfactant between the monomer and aqueous phases, and the use of single vs. mixtures of anionic and non-ionic surfactants on the kinetics results of emulsion polymerization will also be presented and discussed. Three alternatives to conventional surfactants, including ionic monomers, block copolymers, and the recent work on reactive surfactants in emulsion polymerization and characterization results of their loci in the final copolymer latex particles as well as properties of films cast from these latexes will be discussed.

### **Colloidal Stabilization and Destabilization Mechanisms of Latex Systems**

**Mohamed S. El-Aasser (Lehigh University)**

Colloidal stability are essential both during the entire course of an emulsion polymerization process in order to eliminate coagulum formation and to avoid reactor fouling. Latex stability is also essential for many of the post-polymerization processes such as storage, transportation, steam stripping of residual monomer, as well as formulation involving additives (such as pigments, fillers or coalescing aids,) and latex applications methods which may involve subjecting the latex system to mechanical shear.

In this lecture we will introduce the electrostatic and steric colloidal stabilization mechanisms of latex systems. We will discuss in detail the key parameters responsible for repulsion and attraction between latex particles in light of the Derjaguin - Landau - Verwey - Overbeek (DLVO) theory, for latex particles that carry negative or positive surface charges due to adsorption of surfactants and/or chemically bound ionized functional groups. We will also discuss the entropy and enthalpy contributions to steric stabilization of latex systems in light of the 2nd law of thermodynamics, due to the presence of non-ionic species at the particle surface such as non-ionic surfactants and/or anchored polymer chain molecules with affinity to the surrounding aqueous phase. The reverse of colloidal stabilization, namely destabilization or aggregation (coagulation and flocculation) of latex systems will be discussed. In this regard, the influence of chemical additives (such as electrolytes, acids, solvents on non-solvents) on stabilization/destabilization will be presented. Also the influence of physical effects (such as agitation and mechanical shear as well as temperature changes including freeze/thaw cycles) on stabilization/destabilization will be presented. Ways to assess the critical concentrations of additives, and levels of temperature changes as well as mechanical shear that cause destabilization of a colloidal-stable latex particles will be discussed. Experimental results will be used to illustrate some of the basic concept and the influence of chemical additives and physical effects on stabilization/destabilization mechanisms of latex systems.

### **Miniemulsions and their Latex Systems via Polymerization in Monomer Droplets and Direct Emulsification of Polymer Solutions**

**Mohamed S. El-Aasser (Lehigh University)**

In this lecture the early development of the miniemulsion concept will be reviewed, and current state-of-the-art including theory and practice of miniemulsions will be discussed. The concept of miniemulsions was invented at Lehigh University in 1972. Despite the fact that the first miniemulsion polymerization was also carried out at the same time, the term "miniemulsion" was coined only in 1981. Since that time, the number of publications and patents on miniemulsions has been increasing exponentially.

Miniemulsions are relatively stable oil-in-water emulsions with average droplet diameters ranging from 50 to 500 nm. These are typically prepared using a mixture of a surfactant and a low molecular weight, highly water-insoluble costabilizer (sometimes referred to as cosurfactant). In miniemulsion polymerization

for the preparation of polymer colloids (latexes), since the surfactant concentration in the aqueous phase is below the CMC, the submicron monomer droplets are the main sites for particle nucleation (and growth) via free radical initiation using oil-soluble or water-soluble initiators. An alternative approach for making latexes based on miniemulsions is the direct emulsification of polymer solutions. The formation and shelf-life stability of miniemulsions are explained based Ostwald ripening and the 2<sup>nd</sup> law thermodynamics. Miniemulsions have been exploited in making new types of polymer colloids (latexes) that were difficult and sometimes impossible to make using conventional emulsification and/or emulsion polymerization processes. These include preparation of artificial latexes and hybrid latexes, high solids latexes, polymerization of highly water-insoluble monomers and macromonomers, controlled polymer microstructure and morphology, controlled polymer molecular weight distribution via living free radical polymerization, and encapsulation of liquids, inorganic particles, inorganic and organic pigments and dyes.

### **Film Formation**

#### **Peter A. Lovell (University of Manchester)**

Understanding film formation is important for all applications where latexes are dried, which includes obvious applications such as water-borne paints, inks and adhesives, but also those which are less obvious, such as binding of non-woven fabrics, sealants and foamed products. This lecture will describe the fundamental principles underlying the process of film formation from latexes, including the key stages and the molecular processes that are necessary for the formation of coherent films. Factors that influence film formation and the quality of the films produced will be described

### **Water-Borne Soft-Soft Nanocomposites: Principles and Application Case Studies**

#### **Peter A. Lovell (University of Manchester)**

Latex particles that comprise two or more phases/components are important both academically and industrially. They are used in a diverse range of applications, for example: toughening of plastics; adhesives; architectural coatings; inks; controlled-release of actives; and diagnostics. This lecture will build upon the "Semi-Continuous Emulsion Polymerization and Structured Latexes" lecture by describing in greater detail the parameters which control the development of particle morphology when attempting to prepare, and control the morphology of, multi-phase latex particles in which there are two or more polymer phases. The importance of thermodynamic versus kinetic control will be emphasized and strategies for achieving control of morphology will be described together with their limitations. Some examples will be given to illustrate the principles. The focus will then switch to preparation of multi-component latex particles in which there are both polymeric and non-polymeric materials present. Different approaches to preparation of multi-component latex particles will be described through examples of encapsulating non-polymeric materials, templating of particle morphology, and synthesis of surface-functionalized particles.

### **Branching and Grafting in Emulsion Polymerization**

#### **P. A. Lovell (University of Manchester)**

Branching in polymers produced by free-radical polymerization arises from chain transfer to polymer and has important effects on polymer properties. In emulsion polymerization, intermolecular chain transfer to polymer can lead to grafting of water-soluble polymers to latex particles, facilitating control of colloidal stability and latex rheology. Such branching and grafting is used to good effect in the emulsion polymer industry to control the end-use performance of latexes and emulsion polymers. This lecture will begin with an overview of the chemistry of branching and grafting. Case studies of branching in acrylate and vinyl acetate homopolymerizations and synergistic effects in copolymerization will then be presented, together with strategies for controlling the level of branching. This will provide the basis for considering grafting of water-soluble polymers used as colloid stabilizers in emulsion polymerizations. The chemical processes which the most commonly-used water-soluble polymers may undergo during emulsion polymerization will be illustrated through case studies that highlight the key principles for their control.

### **Film Formation and Film Properties of Acrylic Latexes for Coatings and Adhesives**

#### **Bernd Reck (BASF)**

Water based polymer dispersions are providing their final function and properties only in the dried state. Upon drying, the individual latex particles undergo coalescence to form a coherent polymer film.

Understanding and control of the film formation process of industrial acrylic latexes is of utmost importance to achieve optimum application properties.

Post film formation crosslinking is often used to improve the mechanical properties of latex films. For this purpose, a variety of reactive crosslinker monomers and multifunctional crosslinker additives are available, which undergo chemical crosslinking during and after the film formation. The curing kinetics and the film properties of one of the most common one-component room temperature latex crosslinking systems, which is based on diacetone acrylamide and adipic acid dihydrazide, will be described in detail.

For revealing details of the film formation process like particle coalescence or polymer chain interdiffusion, specific scattering and fluorescence techniques are required. Using such methods, the influence of hairy layer and crosslinking monomers on film formation, mechanical properties and water uptake of latexes for coatings and pressure sensitive adhesives has been studied.

### **Correlation between colloidal structure and application properties of acrylic latexes**

#### **Bernd Reck (BASF)**

For tailoring properties of polymer latexes, a good understanding of their fundamental structure property relationships is essential. In this talk, we will discuss the influence of colloidal stabilization by surfactants and hydrophilic co-monomers on colloidal interactions and rheology of acrylic latexes and paint formulations.

Electro-steric colloidal stabilization is commonly provided by combining anionic and non-ionic surfactants with hydrophilic functional monomers like acrylic acid and acrylamide. Alternatively, amphiphilic polymers or block copolymers can be used as protective colloids for latex stabilization.

The formation of the so called “hairy layer structure” of hydrophilic monomers during the emulsion polymerization will be discussed. This structure plays a key role in the colloidal stability of latexes against salts and shear. It also determines the colloidal interactions of polymer dispersions with other coating formulation ingredients like pigments, fillers, dispersants and rheology additives. The understanding and design of these interactions is crucial for tailoring paint properties like rheology, workability, open time and hiding power.

### **Experimental Methods for the Characterization of Latex Particle Size**

#### **Bernd Reck (BASF)**

Particle size and particle size distribution are key properties for the development and application of polymer latexes. This lecture will give an overview of the experimental methods available for latex particle size characterization. The key features, the operating principles and the theoretical background of the different fractionating and non-fractionating measurement techniques will be described. After discussing the major advantages and disadvantages, guidelines for the selection of suitable methods for different colloidal materials and work requirements will be given.

### **Free Radical Polymerization Mechanisms and Kinetics**

#### **F. Joseph Schork (Georgia Institute of Technology)**

A review of the principles of free radical-initiated polymerization, including the basic reactions of initiation, propagation, termination and transfer; inhibition; molecular weight and molecular weight distribution, effect of temperature and pressure, auto-acceleration and diffusion control of termination and propagation, and copolymerization including copolymerization reactivity ratios and copolymer sequence distribution.

### **Emulsion Polymerization Mechanisms and Kinetics**

#### **F. Joseph Schork (Georgia Institute of Technology)**

Reaction mechanisms and kinetics of free radical polymerization will be reviewed. The unique features of emulsion polymerization will be outlined and the influence of the colloidal size of the reaction sites discussed. Kinetic theories due to Smith and Ewart, Stockmayer, and Ugelstad will be discussed.



## **Sensors and Control of Emulsion Polymerization Reactors**

### **F. Joseph Schork (Georgia Institute of Technology)**

Recent developments in the area of on-line sensors, coupled with the availability of high-performance digital control systems has opened up new opportunities for the efficient operation and control of latex reactors. Available sensors for on-line analysis will be discussed. The use of such measurements in the application of advanced control techniques to batch and continuous polymerization reactors will be reviewed, with special emphasis on controlling the undesirable process dynamics associated with continuous emulsion polymerization, and optimizing controllers for batch polymerization.

## **Latex Rheology**

### **F. Joseph Schork (Georgia Institute of Technology)**

Review of experimental studies illustrating the various factors that influence the rheological properties of latexes. Topics to be covered include the effects of solids concentration, particle size and distribution, electrolyte content, particle aggregation, adsorbed surfactants, non-spherical particle morphology, particle swelling, and the use of water-soluble associative and non-associative polymeric thickeners. Consideration will also be given to thickened latexes and variables affecting their rheological flow curves.

## **LECTURERS**

### **Michael Cunningham Professor of Chemical Engineering, Queens University, Kingston, Ontario** [michael.cunningham@queensu.ca](mailto:michael.cunningham@queensu.ca)

Professor within the Department of Chemical Engineering, Queen's University, Kingston, Ontario, Canada. He received his Ph.D. in 1990 from the University of Waterloo where he studied chemical engineering with Prof. K.F. O'Driscoll. Prior to his joining Queen's University, he was with the Xerox Research Centre of Canada for six years. While there he conducted research into the design of composite polymer particles. This work has led to 25 U.S. patents. Among his research interests are the areas of polymer reaction engineering, emulsion/mini-emulsion polymerization, and living radical polymerization

### **Mohamed S. El-Aasser Professor Emeritus of Chemical Engineering, Lehigh University** [mse0@lehigh.edu](mailto:mse0@lehigh.edu)

Professor *Emeritus* of Chemical Engineering at Lehigh University. Served Lehigh over the past 45 years as Vice President for International Affairs, Provost and Vice President for Academic Affairs, Dean of P.C. Rossin College of Engineering and Applied Science, Chairman of Chemical Engineering Department, Director of Emulsion Polymers Institute, Director of Center of Polymer Science and Engineering, and Director of the NSF Polymer Interfaces Center.

Areas of research interest include polymer colloids, emulsion polymerization, latex particle morphology, film formation, surfactants and colloidal stability. Pioneered the field of mini-emulsions and related polymer latex systems. Authored more than 400 articles, edited 5 books and holds 9 U.S. patents. Advised 67 & co-advised 32 PhD students, 53 Masters and 31 postdocs. Delivered numerous invited lectures at national and international conferences.

Degrees include BS & MS from Alexandria University, Egypt, Ph.D. from McGill University, Canada. Awards include 1984 NASA Inventor of the Year Award, 2002 Tess Award in Coatings ACS - Division of Polymeric Materials Science and Engineering (PMSE), the 2007 Fellow of the ACS - PMSE, the 1988 Eleanor and Joseph Libsch Research Award, in recognition of outstanding research at Lehigh University, and Lehigh University's 1999 Hillman Extraordinary Service Award.

### **Peter A. Lovell Professor Emeritus of Polymer Science, Department of Materials, School of Natural Sciences at The University of Manchester in the United Kingdom** [pete.lovell@manchester.ac.uk](mailto:pete.lovell@manchester.ac.uk)

He was founding Chairman of the UK Polymer Colloids Forum, which was established in 1993, and was Chairman of Macro Group UK from 2004-2007. His research focuses mainly around aspects of emulsion polymerization and related processes. Prominent in this research has been synthesis of core-shell and multi-layer particles (for applications in toughening plastics and as soft adhesives) and studies of the chemistry (and extent) of branching and grafting, including grafting to water-soluble polymeric colloid stabilizers. Recent research includes a novel chemistry for room-temperature crosslinking during latex film formation, synthesis of new nitroxides for use in controlled miniemulsion polymerization, development of click chemistry for latex particle functionalization and the lead role in a European collaborative research programme for development of high-performance water-borne pressure-sensitive adhesives.

**Bernd Reck Vice President Polymer Colloid Technology BASF, retired**

[bernd.reck@gmx.de](mailto:bernd.reck@gmx.de)

Bernd Reck is currently a Vice President for Polymer Colloid Technology in BASF's division for Advanced Materials and Systems Research. After obtaining his PhD in Polymer Chemistry from the Johannes Gutenberg University in Mainz/Germany with Prof. Ringsdorf, he worked as a postdoctoral fellow at IBM's Almaden Research Center in San Jose/CA USA with Prof. C. Grant Willson. Dr. Reck joined BASF in 1989. After holding different positions in research, product development and technical marketing for polymer dispersions, he was named Head of Marketing Fiber Bonding Europe in 2001, responsible for the business with acrylic dispersions and resins for nonwovens and other fibrous materials. In 2008, he returned to BASF's Polymer Research Division taking over his current position as group leader for Polymer Colloid Technology. His group conducts research on the stabilization and crosslinking of polymer latexes, structure-property understanding of polymer dispersions for coatings, adhesives, and construction applications as well as process technology development for polyacrylate and polyurethane dispersions. Dr. Reck is an active member of the International Polymer Colloids Group and will chair the 2021 IPCG conference. He currently holds more than 40 patents in monomer development and crosslinking, emulsion, and photoresist technology.

**F. Joseph Schork Professor *Emeritus* of Chemical & Biomolecular Engineering, Georgia Institute of Technology** [joseph.schork@chbe.gatech.edu](mailto:joseph.schork@chbe.gatech.edu)

Ph.D. in Chemical Engineering from the University of Wisconsin working in the field of emulsion polymerization reactor dynamics. Industrial experience with E.I. DuPont de Nemours & Company in the areas of emulsion polymerization and digital process control. Research interests in polymerization reaction engineering, digital control of polymerization reactors, system dynamics and control. Consultant to various companies in the area of polymerization reaction engineering.

## REGISTRATION

Registration will be limited to 60 course participants. A participant may register by sending the information on the attached Registration Form to Professor Schork by e-mail. On-line registration is available at our website (see below). Checks payable to the Emulsion Polymer Course may accompany registration requests. Alternatively, participants will be invoiced for the course fee upon receipt of a registration form. Payment by bank transfer or credit card can be arranged on request. Only the registration fee will be collected by the course organizers. The conference organizers will make hotel reservations for each participant at the time of registration. Confirmations of the reservation will be sent to the participant by the Hotel Grischa. Participants needing changes to hotel reservations should deal directly with the Hotel Grischa. Each participant will be charged directly by the hotel for room costs and extras.

Please register as early as possible so that a course opening can be reserved in your name.

**For more information, or to register,  
please contact:**

Dr. F. Joseph Schork  
E-mail: DavosCourse@gmail.com  
or joseph.schork@chbe.gatech.edu

OR  
visit our web site (including on-line registration) at:  
<http://www.DavosCourse.com>



**REGISTRATION FORM**  
**"ADVANCES IN EMULSION POLYMERIZATION AND LATEX TECHNOLOGY"**  
**August 10-14, 2026**

Dr. Mr. Ms. (Circle one)

First Name: \_\_\_\_\_

Family Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Country: \_\_\_\_\_

E-mail: \_\_\_\_\_

Hotel Reservations:

Arrival Date: \_\_\_\_\_ Departure Date: \_\_\_\_\_

Number of Superior Single Rooms: \_\_\_\_\_

Number of Standard Double Rooms: \_\_\_\_\_

Number of Superior Double Rooms: \_\_\_\_\_

Number of Persons:

Adults: \_\_\_\_\_ Children: \_\_\_\_\_

Course Fee will be invoiced.

**If possible, please attach a business card and send to:**

Dr. F. Joseph Schork  
117 Ridgemoor Trace  
Canton, GA 30115

**Email:** DavosCourse@gmail.com  
OR Joseph.Schork@chbe.gatech.edu