
Contributors

Audelino Álvaro

Department of Chemical
Engineering and Textile
Faculty of Sciences, Chemistry
Universidad de Salamanca
Salamanca, Spain

Paulo A. Augusto

Department of Chemical
Engineering and Textile
Faculty of Sciences, Chemistry
Universidad de Salamanca
Salamanca, Spain
and
Department of Chemical
Engineering
Faculty of Engineering
Universidade do Porto
Porto, Portugal

Domingos Barbosa

Laboratory of Environmental
Process Engineering and Energy
(LEPAE)
Department of Chemical
Engineering
Faculty of Engineering
Universidade do Porto
Porto, Portugal

S. M. Becker

Institute for Thermo-Fluid
Dynamics
Hamburg University of Technology
Hamburg, Germany

H. Ben-Yoav

Department of Physical
Electronics
School of Electrical
Engineering
Faculty of Engineering
Tel Aviv University
Tel Aviv, Israel

Ramon Berguer

Vascular Mechanics Laboratory
Department of Biomedical
Engineering and Section of
Vascular Surgery
University of Michigan
Ann Arbor, MI

Teresa Castelo-Grande

Laboratory of Environmental
Process Engineering and Energy
(LEPAE)
Department of Chemical
Engineering
Faculty of Engineering
Universidade do Porto
Porto, Portugal
and
Faculty of Natural Sciences,
Engineering Technology
(FCNET)
Universidade Lusófona do Porto
Porto, Portugal
and
Department of Chemical
Engineering and Textile
Faculty of Sciences, Chemistry
Universidad de Salamanca
Salamanca, Spain

N. Cohen-Hadar

Department of Molecular
Microbiology and Biotechnology
Faculty of Life Sciences
Tel Aviv University
Tel Aviv, Israel

Alfred B. Cunningham

Department of Civil Engineering
Center for Biofilm Engineering
Montana State University
Bozeman, MT

B. David

Laboratory of Mechanics of Soils,
Structures and Materials
(MSSMat CNRS-8579)
École Centrale Paris
Châtenay-Malabry Cedex, France

Angel M. Estevez

Department of Chemical
Engineering
Faculty of Engineering
Universidade do Porto
Porto, Portugal

Amihay Freeman

Department of Molecular
Microbiology and Biotechnology
Faculty of Life Sciences
Tel Aviv University
Tel Aviv, Israel

Bruce S. Gardiner

Faculty of Engineering, Computing
and Mathematics
The University of Western Australia
Western Australia, Australia

Robin Gerlach

Department of Chemical and
Biological Engineering
Center for Biofilm Engineering
Montana State University
Bozeman, MT

Yair Granot

Graduate Group in Biophysics
Department of Mechanical
Engineering
University of California
Berkeley, CA

Alan J. Grodzinsky

Center for Biomedical Engineering
Department of Electrical Engineering
and Computer Science
Department of Mechanical
Engineering
Massachusetts Institute of
Technology
Cambridge, MA

Frederic Guichard

Department of Biology
McGill University
Montreal, Canada

The Hung Nguyen

Department of Mechanical
Engineering
Polytechnic
University of Montreal
Montreal, Canada

Khodayar Javadi

Max Planck Institute for Marine
Microbiology
Bremen, Germany

Armin Kargol

Department of Physics
Loyola University
New Orleans, LA

Marian Kargol

Department of Physics
The Jan Kochanowski University of
Humanities and Sciences
Kielce, Poland

Arzhang Khalili

Max Planck Institute for Marine
Microbiology
Bremen, Germany
Earth and Space Sciences
Jacobs University
Bremen, Germany

Khalil M. Khanafer

Vascular Mechanics Laboratory
Department of Biomedical
Engineering and Section of
Vascular Surgery
University of Michigan
Ann Arbor, MI

Kolja Kindler

Max Planck Institute for Marine
Microbiology
Bremen, Germany

Zbigniew Koza

Institute of Theoretical Physics
University of Wrocław
Wrocław, Poland

Fujio Kuwahara

Department of Mechanical
Engineering
Shizuoka University
Johoku, Hamamatsu, Japan

A. V. Kuznetsov

Department of Mechanical and
Aerospace Engineering
North Carolina State University
Raleigh, NC

T. Lemaire

Laboratory of Multiscale Modelling
and Simulation - Biomechanics,
Faculty of Sciences & Technology,
(MSME CNRS-8208)
University Paris-Est
Créteil, France

Bo Liu

Max Planck Institute for Marine
Microbiology
Bremen, Germany

Wei Liu

School of Energy and Power
Engineering
Huazhong University of Science and
Technology
Wuhan, P.R. China

Maciej Matyka

Max Planck Institute for Marine
Microbiology
Bremen, Germany
Institute for Theoretical Physics
University of Wrocław
Wrocław, Poland

Paul Meakin

Idaho National Laboratory
Center for Advanced Modeling and
Simulation
Idaho Falls, ID
and
Physics of Geological Processes
University of Oslo
Oslo, Norway
and
Multiphase Flow Assurance
Innovation Center
Institute for Energy Technology
Kjeller, Norway

Mohammad R. Morad

Max Planck Institute for Marine
Microbiology
Bremen, Germany

Akira Nakayama

Department of Mechanical
Engineering
Shizuoka University
Johoku, Hamamatsu, Japan
and
School of Civil Engineering and
Architecture
Wuhan Polytechnic University
Wuhan, P.R. China

Tri Nguyen-Quang

Department of Biology
McGill University
Montreal, Canada

C. Oddou

Laboratory of Multiscale Modelling
and Simulation - Biomechanics
Faculty of Sciences & Technology,
(MSME CNRS - 8208)
University Paris-Est
Créteil, France

J. Pierre

Laboratory of Osteo-Articular
Biomechanics and Biomaterials
(B2OA CNRS-7052)
University Paris 12
Faculty of Sciences & Technology
Créteil Cedex, France

Peter Pivonka

Faculty of Engineering, Computing
and Mathematics
The University of Western Australia
Western Australia, Australia

Jesus M^a. Rodríguez

Department of Chemical
Engineering and Textile
Faculty of Sciences, Chemistry
Universidad de Salamanca
Salamanca, Spain

Boris Rubinsky

Graduate Group in Biophysics
Department of Mechanical
Engineering
University of California
Berkeley, CA

Roman Stocker

Department of Civil and
Environmental Engineering
Massachusetts Institute of
Technology
Cambridge, MA

Alexandre M. Tartakovsky

Pacific Northwest National
Laboratory
Computational Mathematics Group
Richland, WA

David W. Smith

Faculty of Engineering, Computing
and Mathematics
The University of Western Australia
Western Australia, Australia

Zhijie Xu

Idaho National Laboratory
Energy Resource Recovery &
Management
Idaho Falls, ID

Bor Yann Liaw

Hawaii Natural Energy Institute,
SOEST
University of Hawaii at Manoa
Honolulu, HI

Lihai Zhang

Department of Civil and
Environmental Engineering
The University of Melbourne
Melbourne, Australia