



### Client Base and networking include

- Akzo Nobel
- Bayer
- Boots Contract Manufacturing
- Church & Dwight Co., Inc.
- GSK
- Hunstman
- Infineum UK Limited
- Procter & Gamble
- Solvay
- Syngenta
- Unilever
- Ytron Quadro
  
- Nanocentral
- European Commission
- BCC, Birmingham, Karlsruhe, Loughborough, Poznan and Warsaw Technical Universities

### Membership of Committees/Panels

- UK representative in EFCE's Working Party on Mixing
- Committee Secretary of Fluid Mixing Processes Subject Group (ICHEM)
- Technical committee member or chair of several conferences in the field
- Referee for journals

## Gül Özcan-Taşkin

PhD, D.E.A., Dipl d'Ing, BEng, CEng, MChemE

### Senior Technical Consultant, BHR Group

#### Core Technical Expertise:

- Dispersion of nanoparticles in liquids
- Single and multiphase mixing processes (liquid blending; gas-liquid mixing; suspension, drawdown and distribution of solids; liquid-liquid dispersions)
- Rheology with particular emphasis on mixing rheologically complex liquids in single and multiphase systems
- Design and scale up of fluid mixing and dispersion processes

#### Management Business and Commercial Experience:

- **Initiated and led R&D programmes with national or European funding:**
  - Multi-partner, multi-disciplinary projects with budgets of over 3 M Euros;
  - Involving experimental and numerical investigations and design guides and procedures on fluid mixing or nanoparticle dispersion processes.
- **Initiated and/or managed R&D projects with industrial funding:**
  - Consortia of several industrial member companies from different sectors with an annual budget of over £ 550K
  - Involving experimental and numerical investigations and design guides and procedures on fluid mixing or nanoparticle dispersion processes.
- **Managed and worked on confidential consultancy projects on**
  - Trouble shooting, design audits, process or product development
  - For companies in different industrial sectors ranging from bulk chemicals, pharmaceuticals, personal care
- **Supervised PhD students in the field of single and multiphase fluid mixing**
- **Lectured extensively in training courses and workshops for industrialists on fluid mixing and nanoparticle dispersion**
- **Has a wealth of experience in defining project scope, writing proposals and making technical/commercial presentations**

#### Publications and presentations

- Over 50 publications and presentations in refereed journals and conferences
- Over 40 confidential research and consultancy reports

#### Head office contact information:

Telephone: +44 (0) 1234 750 422  
Facsimile: +44 (0) 1234 750 074  
Email: [contactus@bhrgroup.co.uk](mailto:contactus@bhrgroup.co.uk)  
Website: [www.bhrgroup.com](http://www.bhrgroup.com)

The Fluid Engineering Centre  
Cranfield, Bedfordshire  
MK43 0AJ  
United Kingdom

