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Date of birth: 21st June 1956
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University Education and Qualifications:

B.Sc. (Four-year Mathematics Degree; GPA: 9.50/10.00), University of Belgrade, 1978
M.Sc. (Two-year Research M.Sc. in Mathematics; GPA: 10.00/10.00), University of Belgrade, 1980
British Council Visiting Student at Reading University and University of Oxford, 1983/84
Ph.D. (Mathematics), University of Belgrade, 1985
M.A. University of Oxford, 1985

Appointments:

Professor of Numerical Analysis, University of Oxford, 1999–
Reader in Numerical Analysis, University of Oxford, 1996–99
University Lecturer in Numerical Analysis, University of Oxford, 1985–96
Fellow and Tutor in Mathematics, Worcester College, Oxford, 2005–
Supernumerary Fellow, Linacre College, Oxford, 2005–
Fellow of Linacre College, Oxford, 1985–2005
Co-Director, EPSRC Centre for Doctoral Training in Partial Differential Equations, Oxford, 2014–

Selected Honours and Distinctions:

Invited Speaker, International Congress of Mathematicians, Madrid, 2006
Foreign Member of the Serbian Academy of Sciences and Arts, 2009–
Fellow of the European Academy of Sciences, 2010–
Professor Hospitus Universitatis Carolinae Pragensis (Charles University, Prague) 2012–
Distinguished Visiting Chair Professor, Shanghai Jiao Tong University, 2013–
Chair, Society for the Foundations of Computational Mathematics (FoCM), 2002–2006
President, SIAM United Kingdom and Republic of Ireland Section, 2013–2015
Fellow of the IMA (UK Institute of Mathematics and its Applications), 2007–
IMA Service Award, 2011
Oxford University Teaching Excellence Award, 2009 and 2013
Charlemagne Distinguished Lecture, RWTH Aachen, May, 2011
Delegate of Oxford University Press, 2014–
London Mathematical Society & New Zealand Mathematical Society Forder Lecturer, 2015
Aziz Lecture, University of Maryland, 2015
SIAM Fellow, 2016
BIMOS Distinguished Lecture, TU Berlin, 2016
John von Neumann Lecture, Münster, 2016

Editorial Duties:

co-Editor-in-Chief, IMA Journal of Numerical Analysis, 2005–
Series co-Editor, Handbook of Numerical Analysis, 2015–
Series co-Editor, Oxford University Press Monographs in Numerical Analysis, 1995–
Member of Advisory Board, Springer Undergraduate Mathematics Series (SUMS), 1997–
Series co-Editor, Princeton University Press Applied Mathematics Series, 2002–
Member of Editorial Board, London Mathematical Society Lecture Note Series, 2002–
Member of Editorial Board, Springer-Verlag Universitext Series, 2008–
Member of Editorial Board, Springer Monographs in Mathematics, 2015–
Member of Editorial Board, IMA Journal of Numerical Analysis, 1995–
Member of Editorial Board, Matematički Vesnik (Belgrade), 1996–
Member of Editorial Board, Numerical Methods for Partial Differential Equations, 1998–
Member of Editorial Board, SIAM Journal on Numerical Analysis, 1999–2010
Member of Editorial Board, Numerische Mathematik, 2004–
Member of Editorial Board, Computational Methods in Applied Mathematics, 2006–2014
Member of Editorial Board, ESAIM: M2AN, Mathematical Modelling and Numerical Analysis, 2009–
Member of Editorial Board, Functional Analysis, Approximation and Computation, 2009–
Member of Advisory Board, Publications de l'Institut Mathématique (Belgrade), 2011–

Member of Editorial Board, J. Foundations of Computational Mathematics, 2012–
Member of Editorial Board, Mathematical Communications, 2013–
Member of Editorial Board, Novi Sad Journal of Mathematics, 2014–
Member of Editorial Board, M3AS: Mathematical Models and Methods in Applied Sciences, 2016–
Guest Editor of Millennium Issue of Journal of Computational and Applied Mathematics, 2000

Memberships of Scientific Advisory Boards:

Isaac Newton Institute for Mathematical Sciences, Cambridge, Scientific Steering Committee: 2010–14
Mathematisches Forschungsinstitut Oberwolfach, Scientific Committee: 2013–
Berlin Mathematical School, Scientific Advisory Board: 2016–
Scientific Council of the Société de Mathématiques Appliquées et Industrielles (SMAI, France), 2014–
Archimedes Center for Modeling Analysis & Computation, Scientific Advisory Board: 2009–14
Chair of Advisory Board; Mathematics and Statistics Doctoral Training Centre, Warwick U.: 2010–
Board of Directors: Society for the Foundations of Computational Mathematics (SFoCM), 2002–14

Selected Committee Memberships:

ICM 2006, Madrid, Selection Panel for Section 18. *Applications of Mathematics in the Sciences*
ICM 2014, Seoul, Selection Panel for Section 15. *Numerical Analysis and Scientific Computing*
SIAM Committee on Gene Golub SIAM Summer School (2009–2016)
ICIAM 2014, Lagrange Prize Committee,
ICIAM 2019, Scientific Programme Committee

Membership of Professional Societies:

Member of the Society for Industrial and Applied Mathematics (SIAM) (1992–)
Member of the Society for the Foundations of Computational Mathematics (FoCM) (1999–)
Fellow of the Institute of Mathematics and Its Applications (IMA) (2009–)
Member of the Gesellschaft für mathematische Forschung (MFO, Germany) (2013–)

Doctoral Students at Oxford:

- *W. Wu* (1985–1987; now Professor, Dalian University, China):
Petrov–Galerkin Methods for Parabolic Convection-Diffusion Equations
- *A.F. Ware* (1987–1991; now Associate Professor, University of Calgary, Canada):
A Spectral Lagrange–Galerkin Method for Convection-Dominated Diffusion Problems
- *A.T. Hill* (1989–1992; now Reader, University of Bath):
Attractors of Nonlinear Convection-Diffusion Equations and their Numerical Approximation
- *M.D. Baker* (1990–94) [SERC Mathematics Earmarked Studentship]:
Spectral Lagrange–Galerkin Method for Periodic/non-periodic Convection-Diffusion Problems
- *J.C. Wood* (1991–94; now at Merrill Lynch, London):
Mixed Finite Element Approximation of Maxwell’s Equations
- *G. Peffer* (1992–97; now project coordinator at the CNME, Barcelona):
Adaptive Finite Element Methods for Hyperbolic Problems
- *P. Houston* (1993–96; now Professor of Applied Mathematics, University of Nottingham):
Adaptive Evolution Galerkin Methods
- *C. Wilkins* (1995–99) [EPSRC Mathematics Earmarked Studentship]:
Adaptive Finite Element Methods for the Damped Wave Equation
- *N. Jackson* (1995–99):
Adaptive Finite Element Solution of Option Pricing Problems
- *K. Gillow–Harriman* (1997–2000; now Departmental Lecturer, University of Oxford):
Mathematical Modelling of Molecular Biosensors
- *K. Cheng* (1997–2000):
Finite Element Methods for Conservation Laws with Source Terms
- *M.H. Pham* (1997–2001) [EPSRC CASE Studentship]:
Bicharacteristic Methods for Multi-Dimensional Hyperbolic Systems
- *E. Georgoulis* (2003) [now Reader, University of Leicester]:
Discontinuous Galerkin Methods on Shape-Regular and Anisotropic Meshes
- *Andrea Cangiani* (2004) [now Lecturer, University of Leicester]:
The Residual-Free Bubble Method for Problems with Multiple Scales
- *Max Jensen* (2005) [now Senior Lecturer, University of Sussex]:
Discontinuous Galerkin Methods for Friedrichs Systems with Irregular Solutions
- *Andris Lasis* (2006): [2006/07 Lecturer, University of Strathclyde; now at Merrill Lynch, London]:

hp-Version Discontinuous Galerkin Finite Element Methods for Nonlinear Parabolic Problems

- *Christoph Ortner* (2007): [now Professor, University of Warwick]:

Analysis of the Quasicontinuum Method

- *Ivana Drobnjak* (2007): [now Senior Research Fellow, University College London]:

fMRI Simulator: Development and Applications

- *David Knezevic* (2008): [now Lecturer, Harvard University]:

Analysis and Implementation of Numerical Methods for Simulating Dilute Polymeric Fluids

- *Siobhan Burke* (2010): A Mathematical and Numerical Analysis of the Ambrosio–Tortorelli

Functional with Applications in Brittle Fracture

- *Aurelio Arranz Carreno* (2011): [now Lecturer, University of Swansea]:

Discontinuous Galerkin Methods for Elasticity and Crack Propagation Problems

- *Leonardo Figueroa* (2011): [now Assistant Professor, Universidad de Concepcion, Chile]:

Deterministic Simulation of Multi-Beaded Models of Dilute Polymers

- *Bernhard Langwallner* (2011): [now Consultant, Bain & Co., Munich]:

Numerical Analysis of Variational Problems in Atomistic Interaction Models

- *Hao Wang* (2013): [now Assistant Professor at Sichuan University, China]:

Analysis of the Quasicontinuum Method and its Application

- *Iain Smears* (2015) [Recipient of *SIAM's 2014 Student Paper Prize* and the *2015 IMA Leslie Fox Prize*]:

Finite Element Approximation of the Hamilton–Jacobi–Bellman Equations

Invited/Plenary Lectures at Conferences:

Symposium on Differential Equations, Gregynog, Wales, May 1988; *6th Conference on Applied Mathematics*, University of Belgrade, August/September 1988; *IMA Silver Jubilee Conference*, Cambridge, September 1989; *Applied Mathematics Colloquium of Scottish Universities*, Glasgow, September, 1990; *ICFD Workshop on Evolutionary Problems*, Reading, June 1991; *Navier–Stokes Equations: Theory and Numerical Methods*, Oberwolfach, August 1991; *4th International Conference on Hyperbolic Equations*, Taormina, Italy, April 1992; *LMS Symposium on Evolutionary Problems*, Durham, July 1992; *Northern Universities Numerical Analysis Colloquium*, York, September 1992; *Transonic Flow Problems*, Oberwolfach, April 1993; *International Conference on the Mathematics of Finite Elements and Applications VIII*, Brunel University, April, 1993; *Ten Years of the Institute for Computational Fluid Dynamics*, Oxford, April 1994; *Numerical Modelling in Continuum Mechanics*, Prague, August 1994; *Finite Volume Methods*, Oberwolfach, October 1994; *Mathematical Aspects of CFD*, Oberwolfach, November 1994; *16th Biennial Conference on Numerical Analysis*, Dundee, June 1995; *Finite and Infinite Dimensional Dynamical Systems*, Newton Institute, Cambridge, December 1995; *The State of the Art in Numerical Analysis*, York, April 1996; *Finite Element Methods: Postprocessing, Superconvergence and A Posteriori Analysis*, Jyvaskilla, Finland, July, 1996; *Mathematical Aspects of CFD*, Oberwolfach, January, 1997; *Adaptive Methods for PDEs*, Oberwolfach, February, 1997; *Meeting in Honour of Professor K.W. Morton*, Oxford, April, 1997; *LMS Meeting on Numerical Solution of Partial Differential Equations*, London, October, 1997; *Adaptive finite element methods for nonlinear hyperbolic conservation laws*, KTH, Stockholm, 1998. *International Conference on Mathematics of Finite Element Methods and Applications XI*, Brunel University, 1999. *Discontinuous Finite Element Methods*, Brown University, USA, 1999. *Advances in Stabilized Methods for Partial Differential Equations with Emphasis on Fluid Dynamics*, Pisa, April, 1999. *International Conference on Numerical Methods for Transport-Dominated and Related Problems*, Magdeburg, September, 1999. *Adaptive Finite Element Methods*, MSRI Programme, 2000. *Scottish Computational Mathematics Symposium*, Glasgow, September, 2000. *AMIF Conference*, Il Ciocco, Italy, October, 2000. *ICFD 2001 Conference*, Oxford, UK, March 2001. *Oberwolfach Meeting on Convection–Dominated Diffusion Problems*, April 2001. *ICOSAHOM Conference*, Uppsala, Sweden, June 2001. *ENUMATH Conference*, Ischia, Italy, July 2001. *AMFLOW Conference*, Heidelberg, October 2001. *Workshop on accurate methods for hyperbolic systems : Residual-based schemes, Discontinuous Galerkin methods and adaptation*, Bordeaux, June 2002. *Numerical Methods in Computational Mechanics*, Miskolc, Hungary, July 2002. *Special Conference in Honour of Stanley Osher's 60th Birthday*, Hong Kong, December, *Wavelet and Multiscale Methods*. Oberwolfach 2004, *ECCOMAS Conference*, Jyvaskilla, Finland, July 2004. *Scottish Computational Mathematics Symposium, in honour of David Sloan*, September 2002. *SIMAI Conference*, Venice, Italy, September 2004. *Conference in the Memory of Olga Ladyzhenskaya*, Levico Terme near Trento, October 2004. *Foundations of Computational Mathematics*, Santander, Spain, 30 June - 9 July 2005. *International Congress of Mathematicians*, Madrid, 2006. *8 Congresso La Societa' Italiana di Matematica Applicata e Industriale (SIMAI)*, Sicily, 2006. *Eleventh International Conference on Hyperbolic Problems*, Lyon, 2006. *Numerical Methods for Evolution Equations*, FORTH, Heraklion, Crete, 22-23 September 2006. *Evolution, Development, Revolution: Hungarian Science Festival*. Hungarian Academy of Sciences, November 2006. *Midlands Numerical Analysis Group (MIDNAG) meeting: Advances in Finite Element Methods*, January 2007. *New Perspectives in Mathematical Fluid Mechanics*, Oxford, 22 January 2007. *Numerical Analysis: Multiscale Methods, Adaptivity & Complexity*, Bath, 4-7 September 2007. *Nonlinear and Adaptive Approximation in High Dimensions*, Hausdorff Center for Mathematics, Bonn; 10-15 December 2007. *The British Applied Mathematics Colloquium 2008*, Univ. of Manchester, 31 March-3 April 2008. *Modeling, Simulation and Control of Flow*, The Mathematics Center Heidelberg, 6-9 May 2008. *Foundations of Computational Mathematics*, Hong Kong, 16-26 June 2008. *Boundary and Interior Layers*, BAIL 2008, Limerick, 28 July-1 August 2008. *International Conference Approximation & Computation*, University of Niš, 25-29 August 2008. *12th Serbian Mathematical Congress*, 28 August-2 September 2008. *Mathematical Issues in Multiscale*

Materials Modelling, Florida State University at Tallahassee, 27-31 October 2008. *Mathematics of Finite Elements and Applications: MAFELAP 2009*, 9-12 June 2009. *Special Session on Nonlinear Partial Differential Equations; 25th Nordic and 1st British-Nordic Congress of Mathematicians*, Oslo, 8-11 June 2009. *50th Anniversary of Numerische Mathematik, Bavarian Academy of Science*, 15-16 June 2009. *Analysis and Approximation of Nonlinear Evolution Problems*, Warwick, 30 June 2009-3 July 2009. *Challenges and Advances in Computational Materials Simulations and Design*, NUS Singapore, 20-24 July 2009. *LMS Durham Symposium on Numerical Analysis of Multiscale Problems*, 5-15 July 2010. *Hausdorff Center for Mathematics*, Bonn. Research Programme on High-Dimensional Problems, July 2011. *Modern Techniques in the Numerical Solution of Partial Differential Equations*, 19-23 September 2011. *Riemann International School of Mathematics*, Verbania, Lago Maggiore, Italy, 25-30 September 2011. *Numerical Solution of Stochastic PDEs*, Warwick, 11-12 June 2012. *The Fifth Croatian Mathematical Congress*, Rijeka, 18-21 June 2012. *Annual Meeting of the the German Mathematical Society (DMV Jahrestagung)*, 17-20 September 2012, Saarbrücken. *SIAM UK Annual Meeting*, Reading, 8 January 2013. *Young Researchers in Mathematics*, ICMS Edinburgh: 17-19 June 2013. *Engaging Flows*, Warsaw, 3-4 October 2013. *Conference in honour of Wolfgang Hackbusch's 65th birthday*, Max Planck Institute, Leipzig, 28-30 October 2013. *Recent Trends in Differential Equations: Analysis and Discretization Methods*, 7-9 November, Berlin. *Modern Perspectives in Applied Mathematics: Theory and Numerics of PDEs, in honor of Eitan Tadmor's 60th birthday*, Washington, April 29-May 2, 2014. *Collective Behavior: Macroscopic versus Kinetic Descriptions*, Imperial College London, May 19-23, 2014. *Modelling, analysis and computing in nonlinear PDEs*, Liblice, 21-26 September, 2014. *Third Scottish PDE Colloquium*, University of Strathclyde, 1-2 June 2015. *Challenges in high-dimensional analysis and computation*, San Servolo, Venice, 2-6 May, 2016.

Selected publications

P. Houston, Ch. Schwab, & E. Süli. Discontinuous hp-finite element methods for advection-diffusion-reaction problems. *SIAM J. Numer. Anal.* 39 (2002), no. 6, 2133–2163.

M.B. Giles & E. Süli. Adjoint methods for PDEs: a posteriori error analysis and postprocessing by duality. *Acta Numerica* 11 (2002), 145–236.

E. Süli. Convergence and nonlinear stability of the Lagrange–Galerkin method for the Navier–Stokes equations. *Numer. Math.* 53 (1988), no. 4, 459–483.

F. Brezzi, D. Marini, & E. Süli. Residual-free bubbles for advection-diffusion problems: the general error analysis. *Numer. Math.* 85 (2000), no. 1, 31–47.

A.T. Hill & E. Süli. Approximation of the global attractor for the incompressible Navier–Stokes equations. *IMA J. Numer. Anal.* 20 (2000), no. 4, 633–667.

B. Cockburn, M. Luskin, C.-W. Shu, & E. Süli. Enhanced accuracy by post-processing for finite element methods for hyperbolic equations. *Math. Comp.* 72 (2003), no. 242, 577–606.

P. Monk & E. Süli. A convergence analysis of Yee's scheme on nonuniform grids. *SIAM J. Numer. Anal.* 31 (1994), no. 2, 393–412.

C. Ortner & E. Süli. Discontinuous Galerkin finite element approximation of nonlinear second-order elliptic and hyperbolic systems. *SIAM J. Numer. Anal.* 45 (2007), no. 4, 1370–1397.

J.W. Barrett & E. Süli. Existence and equilibration of global weak solutions to kinetic models for dilute polymers I: Finitely extensible nonlinear bead-spring chains. *Math. Models Methods Appl. Sci.* 21 (2011), no. 6, 1211–1289.

L. Figueroa & E. Süli. Greedy approximation of high-dimensional Ornstein–Uhlenbeck operators. *J. Found. Comput. Math.* 12 (2012), no. 5, 573–623.

E. Süli & D.F. Mayers. *An Introduction to Numerical Analysis*. Cambridge University Press, Cambridge, 2003. x+433 pp. ISBN: 0-521-81026-4; 0-521-00794-1. [Textbook, 444 pp.].