

WILLIAM J HARVEY



**BSc PhD CEng FStructE FICE
Electoral region 6**

(Devon & Cornwall, Western Counties and Southern)

Nominated by the Council

Director, Bill Harvey Associates Ltd. Member 1994. Fellow 2003. Branch committee member 1999-, Chairman 2003-04. Member, Journal Editorial Board 1998-, Council 2002-03 and 2005-08, Executive Board 2008. Chairman, Working Group on Bridge Access Gantries 2006-08, Chairman, Bridge Management and Maintenance Study Group. Numerous evening meeting presentations at HQ, around UK and further afield.

BSc, PhD, Leeds University 1965-73. Leeds City Council 1971-73. Freeman, Humber Bridge 1973-74, RDL Contracting, Ouse Bridge 1974-77, Dunkeld Tay Bridge, Humber Bridge. Senior Lecturer University of Dundee 1977-95. Professor of Civil Engineering University of Exeter 1995-2000. Consultant and Software Vendor 2000-. Special interest in masonry structures.

As a, largely, sole practitioner, I have enjoyed the companionship of engineers through my involvement with the Institution. I believe that there is much work to do in protecting the professional status of engineers and in ensuring the best possible quality of engineering within the profession. A large part of that stems from the strict controls on membership exercised by the Institution, but there are issues over the erosion of engineering education about which I am deeply concerned.

I see a continuing need to develop the content of the journal to provide a better spread of knowledge to the broadening membership. The work of the editorial board is not sufficient as it is necessary to draw more members in to providing material rather than just using it, or even not reading the journal at all.

I believe that the Institution remains far too London centric and inward looking. For example, neither the Institution nor ICE seem to have noticed until March the Parliamentary Enquiry into flood damage of bridges (set up on 11 December evidence by 19 January) If we weren't consulted first we are failing in our public relations. If we neglected to respond we failed in our public duty.

ELISABETH C GREEN



**BEng (Hons) MSc CEng
MStructE**

Electoral region 4

(Bedfordshire & Adjoining Counties, East Anglian and East Midlands)

Nominated by the Council

Sustainability Consultant, Mott MacDonald. Elected Member 2008. Member, Educational Panel 2009-. Institution representative, S558 Sustainability in Construction Works BSI Panel 2008-. Director, Educational Trust 2005-. Member, Sustainable Construction Panel 2007-, PR & Marketing Panel 2003-05. Atkins Inspire Award - Sustainability 2008, YSEIDC John Barrett Prize 2005 and Drury Medal 2002.

MSc Renewable Energy with Architecture BEng(Hons) Architectural Engineering with a full time sandwich year at Cardiff University. Started career with Balfour Beatty and continued to develop through consulting with Anthony Hunt Associates from 2001-02. Two years working with Buro Happold and further three years, Price & Myers before setting up TMP Sustainability in 2007. Currently

with Mott MacDonald as a sustainability advisor on Sheffield's BSF programme.

Sustainability is a multi-faceted subject which requires a broad understanding and an integrated design approach to achieve the desired impact of low carbon buildings. Following on from Keith Clarke's (CIC) talk on carbon critical design and his desire to see engineers take a leading role, the Institution is focusing on bringing sustainability to the forefront of its work. A successful election to council would allow me to support the Institution with its work to address carbon criticality. Through my wide ranging experience of working within structures, building physics and renewable energy, I am able to work with design teams to create sustainable solutions. Building on the existing work I have undertaken on the Sustainable Construction Panel, I am able to support the Institution's vision of working collaboratively with other construction professionals in order to tackle the sustainability agenda. I believe in promoting engineering to others and play an active role with schools as a Science and Engineering Ambassador. I am keen to continue the work with the Educational Trust and Education Panel to continue capturing a wider audience so that our profession can continue to lead the way forward.

PAUL SAU-CHUNG TSANG



**BEng CEng MStructE MICE
MHKIE**

Electoral region 11

(Hong Kong)

Nominated by the Council

Director, Ove Arup & Partners Hong Kong Ltd. Elected Member 1985. Committee Member, IStructE and HKIE Joint Structural Division 2010-13. Interviewer, Part 3 IStructE Examination. Examiner, Civil Division of HKIE. Marker, HKIE Structural Written Examination 2009. Assessor, Quality Building Award 2010, organized by HKIE. A E Wynn Prize 1985.

Graduated McGill University (Montreal, Canada) BEng(Civil) 1980. White Young BCEOM 1980-82. Ove Arup & Partners Hong Kong Ltd 1982-90. C Y Loh & Associates (Vancouver, Canada) 1990-93. Ove Arup & Partners Hong Kong Ltd 1993-.

The recent global downturn demonstrated the unpredictability and wavering nature of our industry. The significant challenges with which we are presented with on a daily basis – whether they be technical or financial, during a recession or periods of growth – require a collective and collaborative mentality to ensure that results are achieved as efficiently as possible.

I have had the privilege of working for Arup for over 25 years. Being involved with a firm as large as this, I am constantly aware of the importance of working collaboratively globally as much as locally. I genuinely hope that a role in the Council will allow me the opportunity to continue to uphold the Institution's International standards and distinguished reputation. I envisage a stronger engagement with the professional institution and engineers in China and the Asia Pacific region, considering the vast opportunities presented by the rapid growth of development in the region. I wish to strengthen connections through conferencing and networking at professional bodies and supplement this approach through conducting lectures at universities.

I strive to encourage young students to join the profession and attain the Institution's membership, having witnessed firsthand many bright prospects deviate from the path of engineering. I intend, as a Council member, to strengthen my contribution to and involvement with the next prospective generation of engineers to ensure that genuine talent is nurtured.

MARK R EDWARDS



**MPhil BSc(Hons) CEng MStructE
MICE**
Electoral region 1
(Lancashire & Cheshire)

Nominated by: John Jordan, Leslie Toong, Hugh Morrison, Richard Thomas, John Naughton, Stanley Wood, David Williams, Nitin Shah, Lawrence Gottlieb and Robert Price.

Graduated in 1984 from Liverpool Polytechnic. I then spent 18 months with Sir Alfred McAlpine before returning to undertake a Masters Degree at Birmingham University. From 1988 to 2002 I worked in small practices, mainly with Atkinson Peck in Stockport. In 2002 I set up my own practice in Macclesfield, Cheshire.

I think that the Institution is beginning to realise that a greater percentage of its members work as sole practitioners or within small practices although I understand that there are no accurate statistics to show the precise numbers or a proportion of the membership. I believe that sole practitioners and those working within small practices have been underrepresented on the Institution committees in the past and therefore the thrust of the Institution's objectives and its support have been more in tune with the requirements of the medium sized and larger practices. I think that the Institution has at long last realised this situation and that something needs doing to address matters so that, what is probably a far larger proportion than previously realised, is better recognised and supported.

This is even more relevant in the current climate when redundancy from larger companies probably means that the tanks of smaller practices and sole traders are being increased. We also have the eurocodes to contend with. If elected to the Council, I hope to be able to provide insight to the Institution to enable it to direct its activities so that our members are better supported.

ANDREW J MINSON



**BEng DPhil (Oxon) CEng
MStructE MICE**
Electoral region 6
(Devon & Cornwall, Western Counties and Southern)

Nominated by the Council

Executive Director MPA, The Concrete Centre. Elected member 1998. Technical Publications Panel 2006-08; Sustainability Panel 2009-.

University of Queensland BEng(Hons) 1986-89, Ove Arup & Partners, Brisbane 1990, University of Oxford DPhil 1990-93, Wadham College Stipendiary Lecturer 1993-94, Ove Arup & Partners, London 1994-04, Taylor Woodrow 1996-1997 secondment, MPA, The Concrete Centre 2004-.

At the Concrete Centre one of the purposes of the team is to be a resource for structural engineers to enable and equip them to use concrete more effectively. I am in a position that requires me to understand issues faced by structural engineers. My responsibilities include technical publications, provision of CPD (paid for training, evening lectures, in-house presentations and e-learning) and e-communications. These activities all have direct parallels with Institution work and I am keen, if given the opportunity, to bring this experience to Council. My role also has a focus on sustainability: for example, I am currently on the buildings group of the UK government low carbon construction review. Our challenge as structural engineers in the context of sustainability is, what is our

contribution and what role can we as part of project teams and as an Institution play? From the basis of leading a multi-disciplinary organisation and interfacing with other sector organisations, I can make a contribution on Council to this strategic decision faced by the Institution in the coming years.

MATTHEW L EVANS



BEng (Hons) CEng MStructE
Electoral region 5
(Midland Counties and Wales)

Nominated by the Council

Associate, Ove Arup and Partners. Elected Member 2001. Member Wales Branch Committee 2004-, Chairman 2009, Hon Secretary 2010. Member, Engineering Practice Committee 2008, Communication Panel 2009-.

Technical Trainee, A Monk Building and Civil Engineering 1987-89. Polytechnic of Wales, BEng(Hons) Civil Engineering 1989-92. Site Engineer, Trafalgar House Construction Regions Ltd on a variety of building and civil engineering projects 1992-95, design secondment to Ove Arup 1995-96. Ove Arup 1996-. Visiting lecturer, University of Glamorgan 2007-.

Having had the privilege to attend Council during my year as Chairman of the Wales branch, I felt the involvement was short lived and only allowed me a brief insight into the workings of the Institution and the Council. As a professional engineer I feel that it is important that all members should, during their careers, contribute to their professional body. I would relish the opportunity to continue to contribute to the ongoing development of the Institution at this stage of my career. It is also important to ensure a wide cross section of the membership is represented from across all the regions. I endorse the Institution's current drive to be more outward facing and feel that it is imperative that we as structural engineers continue to build our profile both within the industry and with the public at large. I have always promoted structural engineering whenever I have had the opportunity especially with young members of society and I believe it is vital that we present the right image if we want to encourage young people into our profession. This is an area that I would like to influence should I be elected.

COLIN C CAPRANI



**PhD BSc(Eng) DipEng CEng MIEI
MIABSE MISTructE
Electoral region 2**

(Scottish, Northern Ireland and Republic of Ireland)

Nominated by the Council

Lecturer, Dublin Institute of Technology. Elected Member 2007. Secretary Republic of Ireland Branch, Committee member

2001-. Editor Branch Special edition of *The Structural Engineer* 2005, 2009. Member, Young Members Group 2002-09. Institution Technical Report Assessor. Branch Student Prize 1999; Second Prize Oral Category Young Researchers' Conference 2004.

Structural Engineer, Carew Associates (now White Young Green), Dublin 1999-2001. Project Engineer, Walsh Goodfellow, Dublin, 2001-02. PhD student, University College Dublin 2001-05. Part-time Lecturer, Dublin Institute of Technology 2000-06, University College Dublin 2002-06. Bridge Engineer, Roughan & O'Donovan, 2006-07. Lecturer, Dublin Institute of Technology, 2006-.

I am delighted to be able to stand for election to become a member of the Council of the Institution. From my earliest days in structural engineering, the Institution of Structural Engineers has represented the pinnacle of the profession. As a result, I have become involved with the Institution, from a deep desire to promote structural engineering and excellence thereof. My goals, if elected, are many. Primarily however, I would help accelerate the excellent progress made over the last decade or so in internationalising the Institution, thereby gaining even wider global exposure for our profession. I feel strongly that we must promote our profession ourselves, both to other professions, and to lay-people; I will find ways to encourage and enable members to do this better. In reaching forward to the future, it is imperative that the Institution continues to strengthen and build on our unique selling point: our collective technical and practical excellence. I consider the dissemination of new construction methods and technologies, and the latest structures research, therefore essential. As one way to encourage this, and to attract even more world-class publications, I will aim to get *The Structural Engineer* listed on the Science Citation Index

IAN F COX



**BSc(Hons) MSc CEng FISTructE
MICE MIHT FCIM
Electoral region 3**

(Yorkshire and Northern Counties)

Nominated by the Council

Director Construction Solutions, Aggregate Industries UK. Elected Fellow 1997. Member, Executive Board 2006-07, Council 2005-07.

Began career traditionally by designing and constructing buildings, roads and bridges with consultants and contractors for almost 10 years. Joined British Steel 1979 as part of its Structural Advisory Service. After several years returned to mainstream construction becoming a partner/director in a consulting engineer's practice, then construction director of a property development company. Manager Education, Steel Construction Institute 1994, rejoined British Steel to lead its Structural Advisory Service 1997. Joined 2002, by invitation, the leaders of the UK concrete industry to re-create the central development organisation for concrete in the UK, which became known as The Concrete Centre and, as Chief Executive, formed and launched in September 2003. The Concrete Centre subsumed into the Mineral Products Association joined one

of its funders, Aggregate Industries, as Director of Construction Solutions March 2009-.

There is little formal training given to engineers on how to run a practice, a department or a company and yet this is inevitably where their career path takes them. Invariably, therefore, the engineer has to adapt his/her logical mind to the new challenges of accountancy, sales, marketing, HR and sometimes legal issues by a sink-or-swim philosophy. If the company is large, there may be formal training given but for a large number of practitioners in small companies this has to be a self-taught skill. I think Council needs to heed this for after all, it is the norm for a developing career path, rather than the exception.

I think Council has two roles to play. Firstly it has a duty to help run the Institution as a business, to ensure it uses its members subscriptions wisely and helps the Chief Executive and Board with sound advice from experienced people who themselves run successful businesses. Secondly, I think Council has a duty to ensure training is given to busy practitioners on the non-engineering aspects of their businesses and, because people are busy trying to get work through the door and to do it successfully, this training has to be delivered in a simple and easy way - either locally through the branches or even better by e-learning so it can be taken whenever and wherever they want.

WAYNE E LORD



**BSc(Hons) Dip Law CEng MICE
MISTructE
Electoral region 4**

(Bedfordshire & Adjoining Counties, East Anglian and East Midlands)

Nominated by the Council

Lecturer, Department of Civil and Building Engineering, Loughborough University. Elected Member 1997. Chairman East

Midlands Branch 2006-07 committee member 1995-09. Member, Council 2006-07, Professional Conduct Committee 2006-09, Continuing Professional Development Panel 2005-06.

Graduate Structural Engineer, Taylor Whalley and Spyra 1988-90. Assistant Resident Engineer (Structures), WA Fairhurst 1990-91. Project Engineer, Environmental Services Department, Derbyshire County Council 1991-97. Contract Engineer (Bridges) variously Maunsell, Atkins and Optima 1997-01. Nottingham Law School 1997-99. Practised construction Law at Eversheds 2001-06 and Berryman 2006-07.

I hold to three ideals:

- 1) the technical excellence of a structural engineer
- 2) the legal framework within which a structural engineer will practise and
- 3) the development and recruitment of the next generation into the profession.

I have designed structures within the fields of energy, commercial, defence, leisure, rail and transport. Excellence and responsibility are forged together in the work we do, much of which goes "unsung". Structural engineers are also often in the firing line if things don't go to plan. I aim to promote the excellence of structural engineering and utilise my combined skill sets (as engineer and barrister) to protect, as best I can, my colleagues from unfair criticism. I had the pleasure of coordinating the efforts of my Branch to work with Snibston Discovery Park and produce an exhibition during our Centenary. The exhibition was aimed at 5 to 15 year olds and was well received. I shall continue those efforts in order to promote structural engineering to the next generation. If one, just one of them becomes inspired sufficiently to take up a career as a structural engineer and finds fulfilment, my efforts will not be in vain.

FERGUS A SHAW



BSc(Hons) CEng FStructE
Electoral region 5
(Midland Counties and Wales)

Nominated by the Council

Elected Member 1990, Fellow 2004. Midland Counties Branch Chairman 2007-08, Committee Member 2004-, Secretary 2005-06. Member, Engineering Practice Committee 2006-07, Professional Conduct Committee 2009-, Technical Publications Panel 2009-.

S P Christie & Partners, Leicester 1984-90, The Diamond Wood Partnership, Leicester 1990-96, Hyder Consulting (UK) Limited, Birmingham 1996-2000, Hyder Consulting Middle East Limited, Bahrain 2000-02, Hyder Consulting (UK) Limited, Warrington & Birmingham 2002-07, Associate Director, Faber Maunsell/AECOM, Birmingham 2007-09.

I consider myself to be a structural engineering general practitioner, without any particular specialism but with a relatively wide-ranging experience encompassing the majority of building forms and sectors. I have been employed with both small and large practices, in the UK and overseas, and have experienced the advantages and disadvantages of both. As such I believe I am able to represent the majority of likeminded members who aim to produce work to the best of their ability and who deserve both recognition and status for the value of that work. I also consider myself to be essentially practically-minded, infused with a streak of realism, which may result in maintaining a solid stance whilst negotiating the path of least resistance to the mutual advantage of all concerned. My agenda is simple; to represent the local membership nationally and to represent the Institution locally; to maintain the high standards and the integrity that membership requires; to promote the essential nature of our work, both to other professional bodies and associated disciplines and to the public. Ours is both a vocation and a profession, and I am proud to call myself a Chartered Structural Engineer.

MEHDI M KHABBAZAN



PhD MSc BSc CEng FStructE
FASCE
Electoral region 7
(Thames Valley and Surrey)

Nominated by the Council

Manager, Structures & Technical Advisor KBR. Member 1994, Fellow 2007. PhD in Space Structures from UniS 1989. Surrey Branch Chairman 2009. Committee member 2004-. Review Panel 2006-.

Allenby & Connaught, a £10bn rated MoD project with KBR 2002. Devonport nuclear Dockyard with Babtie 2001. Shandong Power stations (China) with Mitsui Babcock 2000. Great Man Made River, Libya 1998 and South Humber Bank power station, Allott & Lomax 1996. Killingholme A 1992 and Delemara power stations with LG Mouchel, Malta 1990. Transformer manufacturer plant with heavy EOT cranes, Iran 1985.

I always loved to understand the rules governing nature and its physics and I think becoming a structural engineer has helped me a great deal in achieving this and putting me in the right direction. I think structural engineers are very important to human civilization but perhaps somewhat they have not received the recognition and appreciation that they deserve. A lot of this is due to the fact that in the public eyes the work and efforts by structural engineers are

usually overshadowed by the architecture and aesthetic of the structure which is considered to be the work of architects. We need to change this perception by establishing the true place of structural engineers in the society. One of the most important roles of our institution is to achieve this goal and promote our profession to public, academia, government, and other professional bodies. Having spent 37 years in this profession involving a number of notable large structures worldwide coupled with publication of a number of technical papers and articles provide me with an opportunity to represent our profession in the frontline. Therefore, I am hoping by becoming a member of Council I will be able to help the Institution in achieving these goals.

KERRY R GREEVES



MEng CEng MStructE
Electoral region 2

(Scottish, Northern Ireland and Republic of Ireland)

Nominated by the Council

Associate Director, Ove Arup & Partners. Elected Member 1995. Northern Ireland Branch Committee 1997-2002 and 2005-09, ETRO 1998-2002, Northern Ireland Branch Chairman 2007-08.

Graduated Leeds University 1988, MEng Civil Engineering. Kirk McClure Morton 1988-96, Ferguson McIlveen 1996-99, Savage Associates 1999-2000.

What matters to our members? If elected to Council this is a key theme which I would endeavour to get the Institution to explore via more organised means of communication of feedback from Branches and perhaps via an overall membership survey. Diversity - do we fully engage with and represent all of our members across the full spectrum of age, gender, type of work, scale of organisation and geographic location and if not how do we make the Institution's activities more relevant to all of us? This is another issue which I would be keen to explore from within Council. The current focus on sustainability and the implementation of an Institution led sustainability strategy is something which I support strongly not only in relation to environmental issues but also the social and economic aspects of sustainability which cover issues such as what we are doing to help our members and their firms cope with the economic crisis and keeping people employed.

JAMES JIE MIN DING



FIStructE
Electoral region 12
(Asia and Pacific)

Nominated by the Council

Professor of Structural Engineering, Tongji University, Shanghai. Elected Member 2000, Fellow 2003.

Graduated Tongji University in Structural Engineering 1990 with a PhD. Member, Standing Committee of China Civil Engineering Society. Immediate past Chairman, China Group. Research interests are in the areas of structural design of super high-rise buildings and large-span steel structures. Author and co-author of about 60 scientific publications and the chief compiler of several design specifications and codes for Shanghai and China. Recent projects involve the design for Wenzhou Grand Theatre, Shanghai Automobile Museum, Shanghai Fudan University Zhengda Stadium, Shanghai International Automobile Exhibition Centre, Jiangsu Changshu Stadium, World Expo Shanghai 2010 Theme Pavilion, World Expo Shanghai 2010 Nashi Power Plant Renovation, Shanghai Tower and Beijing Great Wheel.

It is clearly seen that China is becoming more open and internationalized in structural engineering. I believe the role that the Institution of Structural Engineers plays in the world in promoting the structural engineering practices will become more and more recognised in China. During past years, there have been a great number of student members in top civil engineering colleges in China joining the Institution and it is believed that there will be more in the near future. I believe that my role in maintaining this activeness will continue to expand. As a fellow of the Institution and the immediate past chairman of China Group, I understand that I am obliged to attract more young genius into the Institution and to overall promote the development of the Institution in China. Based on all the past achievements, there are good reasons for me to believe that the Institution will appear as more influential in China in the future.

SUZANNA M OVENSTONE



BEng CEng MStructE
Electoral region 2
(Scottish, Northern Ireland and Republic of Ireland)

Nominated by the Council

Director Robertson Eadie. Elected member in 1997. Member, Scottish Branch committee 1998-. University Liaison 2000-03, Dinner/Dance Secretary 2003-06. Chairman 2009. Professional Conduct Committee 2010.

Graduated Glasgow University 1988 with BEng(Hons), commenced work with Blyth and Blyth Edinburgh 1988-96, David Narro Associates 1996-99, Waterman Structures 1999-2006, Robertson Eadie 2006-.

In the not too distant past structural engineers in Scotland have undergone the introduction of the Structural Engineers Registration scheme and have now to finance and come to terms with the implementation of the Eurocodes. We are now facing another era of very low fees due to the recession, making it more difficult to finance the burden of implementing the Eurocodes. It seems less than ideal that we unify the codes across Europe but do not have a single approach to the Building Warrant process across the United Kingdom, I believe that we should be lobbying for a unified approach. We need to have a strong voice in conjunction with

other industry bodies to alert the Government to the need to avoid slashing public spending which could stifle any economic recovery. We also need to have discussions with universities to ensure that graduates leave university with the training that the industry requires. If I am fortunate enough to be elected to Council I will be raising these issues and hopefully working with the Institution to see that they are addressed. I will also continue to lobby for all lectures in all branches to be web cast to assist with the cost of obtaining adequate CPD. I wish to ensure that members concerns and requirements are addressed at headquarters.

ROGER F KNIPE



MEng CEng MStructE
Electoral region 2
(Scottish, Northern Ireland and Republic of Ireland)

Nominated by the Council

Chartered Structural Engineer, Scott Wilson. Elected Member 2009. Member/Vice Chairman, Public Relations Officer, Northern Ireland Branch Committee 2010. Chairman, Young Members' Panel 2009-, Member, Young Members' Panel 2007-09, Communications Strategy Committee 2008-09, Membership Committee 2009-10. Co-opted Member, Council 2010.

MEng Structural Engineering with Architecture (First Class Honours), Queen's University, Belfast, 2006. Awarded Engineering Entry Scholarship with Ferguson McIlveen (now part of Scott Wilson), including industrial experience year and summer placements. Highly Commended Institution Model Analysis Award, 2005. Graduate Structural Engineer, Scott Wilson, 2006-2009.

I am proud to be a Structural Engineer and to have recently become a Member of the world's leading professional body in this field. Membership of the Institution of Structural Engineers is something to be celebrated and is aspired to by many, although the routes are sometimes a little confusing, particularly where further learning is required.

Our Industry has suffered more than many from the difficult trading conditions of recent years. Many of our members have lost their jobs or are unable to find employment. Almost all have reduced access to training, coincidentally just as we are required to prepare for Eurocodes.

If elected I will strive to continue the Institution's work in supporting its members' professional development, particularly in helping graduates towards chartership and exploring new ways of providing CPD.

We must also look to the future and promote structural engineering and Institution membership to future generations of engineers. Ours is a profession rich in challenges, vast in scope and fundamental in tackling issues of the environment and sustainability. We must reach out, and what better message could we have than that recently endorsed by Lord Mandelson: 'If you really want to change the world, become an engineer!'

ANGUS M CORMIE



BSc CEng FStructE FICE FIES **Electoral region 2**

(Scottish, Northern Ireland and Republic of Ireland)

Nominated by the Council

Technical Services Manager, Ogilvie Construction. Elected Member 1987, Fellow 1996. Hon Treasurer 2001-02, President's Panel 2001-02, Resources Panel 2001-02,

Chairman, Papers Prizes Panel 2002-, Member, Council 1999-2000 and 2006-09, Engineering Practice Committee 2006-, SCOSS 2007-, Papers Awards Judging Panel 2000-02, Chairman, Scottish Branch and Committee member 1989-.

Graduated Glasgow University. James Williamson, hydroelectric projects. Site agent on Roads and Bridges, Barr design for the steel fabrication division. In-house D&B of industrial and commercial projects and stadia including Celtic Park. Melville Dundas Technical and Safety Director. D&B projects with outsourced consultants. Modular manufacture now Ogilvie, schools and industrial.

I have had a varied career in contracting and manufacturing, but almost always leading the design including architecture and services. This has given me a slightly different view of the profession I feel privileged to belong to. I speak regularly at seminars, technical meetings and schools to pass on these varied experiences and promote the Institution. The Institution itself is a broad church and needs to listen to, and provide benefit for, all the membership. As a Council member I would bring that different viewpoint and strong commercial background which hopefully in these challenging times can help, with the other Council members, to focus on the real issues which affect the membership.

J TOBY MOTTRAM



BSc PhD DSc CEng FStructE **Electoral region 5**

(Midland Counties and Wales)

Nominated by the Council

Reader, Warwick University. Elected Member 1994, Fellow 2007. Member, Midlands Counties Branch Committee 1995-, past Chairman 2009, Branch Treasurer 1996-2001. Member, Council 2005-09, Research

Panel 2003-, Journal Editorial Board 2005-. Professional Review Interviewer 2002-.

Graduate of Durham University BSc and PhD, Warwick University DSc. Academic career with current teaching of steel structures design and forensic engineering. Structural engineering research for new build with fibre reinforced polymer shapes and systems, specialise on behaviour of joints. Work with industry and academia, both in UK and abroad.

I am committed to the teaching of structural engineering to future construction professionals and to ensuring that young people are motivated to take up our profession. In research I specialise on structures of fibre reinforced polymers for new build, particularly on behaviour that can be expressed in convenient rules for design, which can meet some of our needs for achieving sustainable construction. I act as a consultant to industry and I am a good citizen. I have been active in Branch activities since election to corporate membership and am excited at the opportunity to serve again at Council level. If elected I would see my role

- as encouraging and supporting members to embrace the changing roles of structural engineers in society.
- as representing the wider membership and to working for greater involvement in Institution activities by younger members.
- in enhancing links between the Institution and our student and graduate members in higher education, in the UK and internationally.
- in developing the workings of the Institution at a time of decreasing availability of time which many members can devote to its affairs.
- in using every opportunity to promote structural engineering to the general public.

JOHN W SWALLOW



BSc (Eng) GDE MBA PrEng **MSAICE CEng AStructE** **Electoral region 10**

(Rest of Europe, Middle East, Africa and the Americas)

Nominated by the Council

Director, Cadex Systems SA (Pty) Ltd; Principal, J W Swallow & Associates. Elected Associate Member 1993. Secretary,

Joint Structural Division (South Africa) 1994; Chairman, 2001-02, Chairman, Southern African Institute of Steel Construction 2008-09.

BSc Civil Engineering, University of the Witwatersrand 1976. GDE, University of the Witwatersrand 1982. MBA, University of Cape Town 1984. Began career 1977 with D A Walker, Ahier & Associates. Brief period with Christiani & Neilsen and Johannesburg Consolidated Investments. Gained contracting experience on site with LTA Construction. Established J W Swallow & Associates an active consulting engineering practice in 1981. In 1997, along with a professional colleague, established Cadex SA which supplies BIM software into the structural engineering supply chain.

The Institution is a strong brand with sound core values. Promoting structural engineering and excellence in structural engineering is critical to all of our success. The strong professional, educational and technical, standards promoted by the Institution and by its members at all levels along with the links that have been built and are being extended around the world are our great strength as members. Sound core values and a robust strategy will ensure we maintain and improve our position.

If elected I'd like to encourage Council to:-

- Consider developing strategies to share business best practices amongst smaller consulting practices to assist and encourage them to improve business skills and processes which together with strong technical skills will enable improved service to stakeholders both outside and inside of the practice.
- Help develop stronger links amongst the different international divisions and ensure that regional issues receive attention.
- Extend availability of training material, talks and lectures (from the UK and from elsewhere around the world) so that this material is more easily available to members not able to attend those events.
- Promote the dissemination of training and development material - particularly material relating to the professional exam and to developing young members.

I look forward to the opportunity, if elected, to make a contribution at Council.

SHAPOUR MEHRKAR-ASL



**BSc (Hons) MSc PhD CEng
FIStructE MICE
Electoral region 10**

(Rest of Europe, Middle East, Africa and the Americas)

Nominated by the Council

Project Director WSP Middle East 2007-. Elected Member 1995, Fellow 2002. Southern Branch Committee 2002-05, Chairman 2004. Member, Engineering Practice Committee 2002-04. Part 3 Examiner 2003-05. Coordinator of IPD interviews in UAE 2005-. Chairman of UAE Division 2009-10.

Graduated Iran 1980. Started working in 1976 on buildings. MSc 1984-85, PhD 1985-88 Surrey University. Joined Gifford working on Bridges 1988, moved to UAE 2005, working for Atkins as Head of Structural Department working on buildings.

The Institution is the focal point for us to make sure our ideas and ideals are disseminated to the rest of the members and attract more students to join the profession. Engineers in many countries are considered as makers of the fortune and future. They have a very high regard amongst their people and many youngsters want to be one. The promotion of engineering and their contributions to the wealth, health and prosperity of the country is my aim. I have been working as an engineer since 1980 but my life in the engineering field started in 1976 during my undergraduate time. It was great to put into practice what I had learnt and also understand what I have been doing when I was taught the subject at university. I think there is a lot to be learnt from combining practice with theory. With the age of computers, the need for practical understanding has become even more as younger engineers tend to rely on computers. To me computers are to facilitate and not to dictate the design. After all design is an art. We do analysis to verify our design. So much is there to contribute and hopefully, I will have a chance to give back what I had received from my seniors.

EDDIE SIU SHU LAM



**MSc PhD PgDip(LAW) PCLL
FIStructE MHKIE MIMechE
CEng RPE(HK) RSE(HK)
Class-1-RSE (PRC)
Electoral region 11**

(Hong Kong)

Nominated by the Council

Associate Professor, Hong Kong Polytechnic University Barrister-at-Law. Elected Member 1995, Fellow 2001. Hon Secretary, Hong Kong Division 2003-08. Member, Communications Strategy Committee, Structural Discipline Advisory Panel, Appeal Tribunal (Building). Chairman, Contractors Registration Committee Panel (Foundation). R S Jenkins Prize for best performance in Structural Mechanics 1986. Various PolyU's Award 2002, 2006, 2008.

HD and Associateship Hong Kong Polytechnic 1979-83, site engineer 1983-84; MSc and PhD from University of Southampton 1985-88; Assistant Engineer (Arup) 1988-89; Research Fellow (University of Birmingham) 1989-91; Senior then Principal Research Technologist (GEC-Alsthom) 1991-94; Structural Engineer (P&T Architects & Engineers) 1994-95; Assistant then Associate Professor with Hong Kong Polytechnic University 1995. Now, primarily as an academic, expert witness and barrister on construction disputes.

I have over 20 years of experience in structural engineering including working in a construction company; design offices and universities, and practising as expert witness or barrister on construction disputes. In my diversified career, I commit myself to nurture young structural engineers and to carry out research for the benefit of the Institution and the community. I continuously encourage the graduates to participate in institutional activities for life-long learning. My visions are to enhance the international image of the Institution and to broaden its international coverage with the dual benefit of attracting the best graduates into the profession. I pledge to serve the Institution and bring success for the betterment of the profession.

MICHAEL DEREWICZ



**CEng MISTtructE MICE
Electoral region 6**

(Devon & Cornwall, Western Counties and Southern)

Nominated by the Council

Director, Jenkins & Potter Consulting Engineers. Elected Member 1995. Western Counties Branch Committee 2004-10, Chairman 2009. Member, Communications Panel 2007-, Eurocode 7 Manual Task Group 2009-. Council 2009, Communication Strategy Panel 2006-07, Engineering Practice Committee 2007-08.

Highways Engineering with the South Western Road Construction Unit 1976-80, Land Drainage Engineering in the Mendips 1980-83, Sewerage and Structures Sedgemoor 1983-88. Joined Jenkins and Potter 1988, Associate 1995, Partner 1998, Director upon incorporation 2008.

Having begun my construction career in Civil Engineering, I always admired the respect that was afforded the 'Structural Engineer' by other construction professionals. When I became a Structural Engineer I was delighted by the gold standard of excellence at the core of the institution but I was a little disappointed that this often did not translate to remuneration. I found that the Structural Engineer was rarely the lead in construction projects and whilst he/ she was often the project problem solver or project saviour he/ she was rarely the communicator with the Client and was often regarded as a specialist at the end of the line. As a director of a 70 plus strong consultancy I believe that communication and an outward focus are fundamental to the survival of a business.

Should I be fortunate enough to be elected to Council, my objectives would be to promote the value of the structural engineer whilst maintaining the respect that is given for the gold standard of excellence.

BARRY C AYRES



BSc CEng FIStructE
Electoral region 9
(South-Eastern Counties)

Nominated by the Council

Senior Structural Engineer, London Borough of Bromley. Elected Associate-Member 1978, Member 1987, Fellow 2009. South Eastern Counties Branch 2000-. Chairman, Bromley Forum Convenor 2003-04, Newsletter Editor 2005-08, CPD Event Organiser, Standing Committee on Implementation of Eurocodes, Construction Legislation Advisory Group, EC1 Manual Task Group, Management of Structures Study Group 2009-.

Durley Hill and Partners, studied part-time at SELTEC for my HNC, attained the Associate-Membership exam 1978. Graduated Kingston University, BSc in Civil Engineering 1986, working for the local authority while gaining a broad experience in building and highway structures, attained the Membership Part 3 exam 1987. Attained a post graduate Diploma in Management Studies from Christ Church Canterbury 1999. Current employer, London Borough of Bromley, where one of the most challenging aspects of my job is dealing with dangerous structures.

If I were elected on the Council my objectives would be to support the Institution's initiative of providing guidance to our members on technical matters, and raise public awareness to the work of structural engineers by networking with other professional bodies and like minded professionals. I lead the Association for Structural Engineers of London Boroughs (ASELB) - chartered engineers working for London's 33 boroughs and as chairman, I have been instrumental in producing guidance documents, such as the Inspection and Maintenance of Multi-storey Car Parks, which introduced the life care plan of structures. Last year, a news article was published in the journal following several verulam references to Building Control and The Structural Engineer, where the Bromley Forum, which I chair, proved to be an excellent focal point for discussion between Approved Inspectors, consulting engineers, a past Government Part A officer and a past president of the LDSA.

I believe communication is a key skill of an engineer, whether it through the design and detailing of structures, holding meetings with the emergency services or writing reports.