

Chris Armstrong  
UKeiG Awards  
Penbryn  
Bronant  
Aberystwyth SY23 4TJ  
UK



AALBORG UNIVERSITET

DEPARTMENT OF  
COMMUNICATION  
A.C. MEYERS VÆNGE 15  
ROOM: 3.079  
2450 COPENHAGEN SV  
DENMARK

BIRGER LARSEN  
T +45 2276 7042  
BIRGER@HUM.AAU.DK  
WWW.AAUCPH.DK

**Re. UKeiG Tony Kent Strix Award nomination – Prof. Peter Ingwersen**

We hereby nominate Professor Emeritus Peter Ingwersen (Ph.D. 1991;  
Ph.D. *Honoris Causa* 2010, 2014 and 2015) for the 2015  
UKeiG Tony Kent Strix Award.

28. August 2015

Peter Ingwersen is Professor Emeritus at  
The Royal School of Library and Information Science  
University of Copenhagen  
Birketinget 6  
DK-2300 Copenhagen S  
Denmark

and Professor II at Oslo University College, Norway  
and Docent at Åbo Akademi University, Finland.

Please find attached a brief biography of Professor Ingwersen, a bibliography of his main  
works in Information Retrieval, our nomination statement, and 17 letters of support. You  
are welcome to contact us for further information and documentation.

Yours sincerely,



Birger Larsen, Ph.D.  
Professor  
Department of Communication  
Aalborg University Copenhagen  
birger@hum.aau.dk



Christina Lioma, Ph.D.  
Associate Professor  
Department of Computer Science  
University of Copenhagen  
c.lioma@di.ku.dk

## Nomination Statement

Prof. Ingwersen's significant, long standing and varied contributions to the field of Information Retrieval (IR) make him an excellent candidate for the 2015 UKeiG Tony Kent Strix Award.

His major and sustained contribution to the theoretical and experimental understanding of IR includes (i) the first and most detailed empirical study of people's interactions with human search intermediaries using a naturalistic approach (J. Doc. 1982, Online Review 1984), which has now become a landmark and compulsory reading for both theoreticians and practitioners, and has since been used to inform the design of automated search intermediaries, such as iPhone's Siri; (ii) being the father of the area "Information Retrieval Interaction", the foundations of which he laid in 1992 with his visionary monograph *Information Retrieval Interaction* (Taylor Graham, 1992, translated into Chinese, Japanese and Korean) that has since become required reading; (iii) his seminal work on defining and developing the "Principle of Polyrepresentation" (J. Doc., 1996), which has been instrumental to theoretically explain why and how faceted categorisation and presentation, used in most websites today, helps users to perform effective relevance judgements and query formulation; (iv) his innovative and highly practical application of bibliometric and informetric approaches to the construction and use of information resources, structures and technologies on the web, which he coined "Webometrics" (J. Doc. 1997) and which has since had a tremendous impact far outreaching the borders of IR research; (v) his innovative research on the integration of the IR and human information seeking processes, which he developed both theoretically and empirically, with Prof. Jarvelin (a Tony Kent Strix Award winner) in their seminal book *The Turn: Integration of Information Seeking and Retrieval in Context* (Springer, 2005).

These contributions highlight over 30 years of research excellence, evidenced also by numerous prestigious awards (e.g., Chair of Excellence, University Carlos III Madrid 2011-2012; ASIST LA Chapter CISTA Award 2009; ASIST Outstanding Teacher Award 2007; Derek de Solla Price Medal 2005; Thomson Award of Research Excellence 2005; ASIST Research Award 2003; ASIS, New Jersey Chapter Distinguish Lectureship Award 1994; Jason Farradane Award 1993), three Ph.D. *Honoris Causa* awards by top-tier universities in Europe, his internationally recognised service to the area as long-serving member of numerous prestigious journal boards (e.g. J. Doc., IP&M, JASIST, Scientometrics, Journal of Informetrics, Cybermetrics), his leadership as conference general/program chair of ACM SIGIR, ISSI, ICTIR, CoLIS, IliX/CHIIR (the last three of which he established at his own initiative and which have since become premier venues for high-quality research in Interactive IR). Prof. Ingwersen not only laid the foundations of Interactive IR, but also consistently and with extraordinary vision, initiative and practical curiosity built upon them for the last 30 years; the result is over 200 publications, over 8400 citations (making him the highest cited social scientist in Denmark), a network of outstanding academic off

springs (students and mentees) that includes the academic elite of information science in Denmark (four full Professors in the oldest universities in Denmark are former Ph.D. students of his) and Europe (over 10 full Professors) and internationally (over 20 full Professors or Senior Researchers at Microsoft Research or Yahoo!).

Prof. Ingwersen excelled at bringing together the much divided system-based and user-based IR communities, producing research of the highest calibre that has long been compulsory reference in both academic curricula and by system developers. The significant advances emanating from his achievements of over 30 years are well recognised nationally (nominated for the Royal Order of Merit Award of the Danish Monarchy, OBE equivalent) and internationally, in both academia and industry.

## **Brief Biography, Professor Emeritus Peter Ingwersen, PhD, PhD h.c., FLA**

Peter Ingwersen is Professor Emeritus at the Royal School of Library and Information Science, University of Copenhagen, Denmark, Affiliate Professor (Docent) at Åbo Akademi University, Finland, and Professor II at Oslo University College, Norway. He has carried out theoretical and experimental research on interactive information retrieval and repeatedly served as expert consultant to the EU Commission (SIMPR; FERMI). He participated in the three-year ESPRIT Long Term Research Workshop: MIRA on multimedia IR and evaluation. From 1996-2000 he was part of the Centre for Informetric Studies, Royal School of LIS, Denmark. Until becoming Emeritus he headed the TAPIR/RIX research group at the Royal School of LIS on text accessibility in interactive IR as well as continuing the study of scientific communication patterns through citation analyses. He has published two books that have received international acclaim: *The Turn: Integration of Information Seeking and Retrieval in Context*, co-authored by Kalervo Järvelin; Springer, 2005, and *Information Retrieval Interaction*, Taylor Graham, 1992, and more than 200 peer reviewed top journal articles and conference papers, in addition to editing work, for which he has received over 3000 citations excl. self-citations in Web of Science, and over 8400 citations in Google Scholar. He is member of several editorial boards of internationally reputed journals of the field.

**Chartered Librarian** (m.fil), Royal School of Library and Information Science (RSLIS), 1973

**PhD**, Copenhagen Business School, 1991. **PhD Honoris Causa**, Tampere University, 2010. **PhD Honoris Causa**, Åbo Akademi University, 2014, **PhD Honoris Causa**, Carlos III University of Madrid, 2015.

**Assistant Professor** 1973 at RSLIS. **Researcher at the European Space Agency**, Online Service Division, Frascati, Italy, 1980-84, and **Associate Professor** 1985, **Research Professor** 2001 and **Full Professor** from January 2006 in Information Retrieval at RSLIS.

He was **affiliate NORFA Professor** at Tampere University, Department of Information Studies 1999-2002 and serves as **Affiliate Professor (Docent)** at Åbo Akademi University, Finland, from 1997. In 2004-08 he was member of the Executive Board of the Nordic Research School in LIS (NORSLIS), sponsored by NORDFORSK. Shorter academic visits in USA, 1987, Japan, 1996, and South Africa, 1997, Spain 2012. From 1998-2000 he co-chaired a DANIDA sponsored PhD network in South Africa.

### ***Awards and Honors***

- 2009 ASIST Los Angeles Chapter Contributions to Information Science & Technology Award (CISTA), USA.
- 2009 Lazarow Memorial Lecture, University of Tennessee, Knoxville, USA, Sponsored by Eugene Garfield Foundation
- 2007 ASIST Outstanding Information Science Teacher Award, to recognize the unique teaching contribution to Information Science education.
- 2005 Derek de Solla Price Medal for his research in Scientometrics and Webometrics.
- 2005 Thomson Award of excellence in Denmark, being the internationally most highly cited Danish researcher in the social sciences.
- 2003 ASIST Award for Research in Information Science for his work on cognitive perspectives of Information Retrieval.
- 2002 Lazarow Memorial Lecture, The Information school, University of Washington, Seattle, USA, sponsored by Thomson-Scientific
- 1994 ASIS, New Jersey Chapter Distinguish Lectureship Award.
- 1993 Jason Farradane Award (UK) for his contributions to Information Science.
- 1992 Anne V. Marinelli Lecture Series, Texas Woman's University, Denton, USA

## **Selected publications, Professor Emeritus Peter Ingwersen, PhD, PhD h.c., FLA**

- Search procedures in the library: Analyzed from a cognitive point of view.*** Peter Ingwersen. *Journal of Documentation*, 1982, 38(3), 165-191.
- Information Retrieval Interaction.*** Peter Ingwersen. London: Taylor Graham, 1992: 246 p. – Translated into Chinese, Japanese and Korean.
- Cognitive perspectives of information retrieval interaction: elements of a cognitive IR theory.*** Peter Ingwersen. *Journal of Documentation*, 1996, 52(1), 3-50.
- Informetric analyses on the World Wide Web: methodological approaches to Webometrics.*** Thomas C. Almind & Peter Ingwersen. *Journal of Documentation*, 1997, 53(4), 404-426.
- The development of a method for the evaluation of interactive information retrieval systems.*** Pia Borlund & Peter Ingwersen. *Journal of Documentation*, 1997, 53(3), 225-250.
- The Calculation of Web Impact Factors.*** Peter Ingwersen. *Journal of Documentation*, 1998, 54(2), 236-243
- A user-oriented interface for generalized informetric analysis based on applying advanced data modeling techniques.*** Kalervo Järvelin, Peter Ingwersen & Timo Niemi. *Journal of Documentation*, 2000, 56(3), 250-278.
- Dimensions of relevance.*** Erica Cosijn & Peter Ingwersen. *Information Processing & Management*. 2000, 36, 533-550.
- Towards a Basic Framework for Webometrics.*** Lennart Björneborn & Peter Ingwersen. *Journal of American Society for Information Science and Technology (JASIST)*, 2004, 55(14), 1216-1227.
- The polyrepresentation continuum in IR.*** Birger Larsen, Peter Ingwersen & Jaana Kekäläinen. In: Ruthven, I. et al. (eds.), *Information Interaction in Context*. 2006. ACM Digital Library: 148-162.
- The Turn: Integration of Information Seeking and Retrieval in Context.*** Peter Ingwersen, and Kalervo Järvelin. Dordrecht: Springer, 2005: 460 p. – Translated and published into Chinese (2007) and Japanese (2008).
- Evaluation of strategic research programs: The case of Danish environmental research 1993-2002.*** Peter Ingwersen & Birger Larsen. *Research Evaluation*, 2007, 16(1), 47-58.
- Inter and intra-document contexts applied in polyrepresentation.*** Mette Skov, Birger Larsen & Peter Ingwersen. *Information Processing & Management*, 2008, 44, 1673-1683.
- Data Fusion According to the Principle of Polyrepresentation.*** Birger Larsen, Peter Ingwersen & Berit Lund. *Journal of American Society for Information Science and Technology (JASIST)*, 2009, 60(4), 646-654.
- Developing a Test Collection for the Evaluation of Integrated Search.*** Marianne Lykke, Birger Larsen, Haakon Lund & Peter Ingwersen. In: *Proceedings of ECIR 2010*, LNCS 5993, p. 627-630.
- Supporting Polyrepresentation in a Quantum-inspired geometrical Retrieval Framework.*** Ingo Frommholz, Birger Larsen, Benjamin Piwowarski, Mounia Lalmas, Peter Ingwersen & Keith van Rijsbergen. In: *Proceedings of IIRX 2010*. ACM, New York, p. 115-124. (best paper nomination)
- A Subjective Logic Formalisation of the Principle of Polyrepresentation for Information Needs.*** Christina Lioma, Birger Larsen, Hinrich Schütze & Peter Ingwersen. In: *Proceedings of IIRX 2010*, p. 125-134.
- The user in interactive information retrieval evaluation.*** Peter Ingwersen. In: M Melucci & R Baeza-Yates (eds), *Advanced Topics in Information Retrieval*. 2011, vol. 33, p. 83-107. (Springer International Series on Information Retrieval)
- Museum Web Search Behavior of Special Interest Visitors.*** Mette Skov & Peter Ingwersen. *Library & information Science Research*, 2014, 36(2), 91-98.

## Appendices<sup>1</sup>

To illustrate the span and variety of Prof. Ingwersen's impact to the wider IR community, we include a selection of support letters from senior and junior academics (from Professor Emeriti and former Tony Kent Strix Award winners to Assistant Professors).

### Tony Kent Strix Award winners

- Stephen Robertson, Professor Emeritus, City University London, UK
- Peter Willett, Professor, University of Sheffield, UK
- Cornelis Joost (Keith) van Rijsbergen, Professor, University of Glasgow, Scotland
- Kalervo Järvelin, Professor, University of Tampere, Finland
- Alan Smeaton, Professor, Dublin City University, Ireland
- Dr. Susan T. Dumais, Microsoft Research, Redmond, USA

### Other supporters

- Maristella Agosti, Professor, University of Padova, Italy
- Pia Borlund, Professor, University of Copenhagen, Denmark
- Kasper Hornbæk, Professor, University of Copenhagen, Denmark
- Joemon Jose, Professor, University of Glasgow, Scotland
- Diane Kelly, Professor and Recipient of the Karen Spärck-Jones Award, University of North Carolina, USA
- Ray Larson, Professor, University of California, Berkeley, USA
- Wei Lu, Professor, University of Wuhan, China
- Ian Ruthven, Professor, University of Strathclyde, UK
- Elias Sanz-Casado, Professor, Carlos III University of Madrid, Spain
- Peiling Wang, Professor, University of Tennessee, USA
- Fredrik Åström, Associate Professor, Lund University, Sweden



**Figure 1.** Peter Ingwersen in action (2010). From left: Gary Marchionini, Tefko Saracevic, Peter Ingwersen, Michael Lesk, and Paul Kantor.

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<sup>1</sup> Those dated 2013 and 2014 are re-used with permission by the authors.

10B Middleton Grove  
London N7 9LS

3 June 2015

**Letter of support for the nomination of Peter Ingwersen for the 2015 Tony Kent Strix Award**

I am very happy to support this nomination. I have known Peter very well for very many years, as one of the leading researchers in the field, and in particular as one of the few who has taken really seriously all the many issues around the study of users and use of IR systems. He has helped to provide a valuable counterbalance to the domination of the systems view of information retrieval, firmly locating information search and seeking in the cognitive and social domains where it really belongs.

Through his books and papers, through his collaborations, through his students, and through his professional activities such as conference organisation, he has helped to push the field forward and to open up new areas. He would be a worthy recipient of the Award.

A handwritten signature in dark ink, appearing to read 'SEnt', with a stylized, cursive flourish extending from the end.

Stephen Robertson  
Visiting Professor, University College London  
Fellow, Girton College Cambridge  
Professor Emeritus, City University London



The  
University  
Of  
Sheffield.

## Information School

Prof. B. Larsen  
Communication and Information Studies  
Department of Communication  
Aalborg University Copenhagen  
A.C. Meyers Vænge 15  
2450 København SV  
Denmark

Head of School  
Professor Val Gillet

Regent Court  
211 Portobello Street  
Sheffield  
S1 4DP

2<sup>nd</sup> September 2014

**Telephone:** +44 (0) 114 222 2630  
**Fax:** +44 (0) 114 278 0300  
**Email:** [dis@sheffield.ac.uk](mailto:dis@sheffield.ac.uk)  
**Website:** [www.sheffield.ac.uk/is](http://www.sheffield.ac.uk/is)

Dear Prof. Larsen

I write to support the nomination of Prof. Peter Ingwersen for the 2014 Tony Kent Strix Award.

Peter has an international reputation for his work in information science, perhaps most notably for his championing of cognitive approaches to information retrieval. This work is detailed most extensively in his heavily cited book *Information Retrieval Interaction*, which appeared at a time (1992) when information retrieval was dominated by statistical approaches and which was thus instrumental in moving the field to its current, more user-focused nature. He has also had a long-standing interest in bibliometrics and in the late Nineties he published some of the very first papers on webometrics, which is now a significant discipline in its own right. However these are but two of a wide range of interests, the breadth of which is well illustrated by the *The Janus Faced Scholar: A Festschrift in Honour of Peter Ingwersen*, which was published in 2010 to mark his retirement from the Royal School of Library and Information Science in Copenhagen.

Peter's work has been widely recognised, most obviously by the extensive citation of his work with over 1500 citations to his publications in the *Web of Science*, and over 900 in Google to *Information Retrieval Interaction* alone, and by the many previous awards of which he has been the recipient (e.g., the 1993 Jason Farradane Award, the 2005 Derek do Solla Price Award and the 2007 ASIST Outstanding Teacher Award). I hence consider him fully worthy for consideration for the 2014 Tony Kent Strix Award.

Yours sincerely

*Peter Willett*

Professor of Information Science



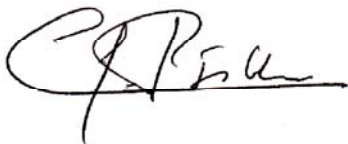
THE QUEEN'S  
ANNIVERSARY PRIZES  
FOR HIGHER AND FURTHER EDUCATION  
1998 2000 2002



I would like to support the nomination of Peter Ingwersen for the 2015 Tony Kent Strix Award

Professor Peter Ingwersen is an outstanding information scientist with a, well established, excellent international reputation. This is borne out by his many awards and excellent publications – which are highly cited. His groundbreaking book *The Turn* (with Jarvelin) established him as a world authority on the application of cognitive science to user-centred evaluation of IR systems; in many ways a pioneering work. It confirmed his approach to evaluation: that it needed to be done holistically taking into account many factors beyond precision and recall. His work has influenced many researchers including his research students some of whom have gone on to work in the same field. He has been significantly involved in the organisation of high-profile conferences for example ACM:SIGIR which he organised in 1992. He is, also among the initiators of the CoLIS and IIX Conferences.

Although Ingwersen deserves nomination under each of the first three criteria, it is under the first one '*a major and/or sustained contribution to the theoretical or experimental understanding of the information retrieval process*' that his work and influence stand out most spectacularly.

A handwritten signature in black ink, appearing to read 'C.J. van Rijsbergen', with a stylized, flowing script.

C.J. van Rijsbergen  
26<sup>th</sup> June 2015



June 2, 2015

School of Information Sciences

UKeiG Tony Kent Strix Award Committee

Ref.

**Letter of support: the nomination of Prof. Peter Ingwersen for the Tony Kent Strix Award 2015**

Prof. (Emer.) Peter Ingwersen has an outstanding career in the field of information retrieval (IR) which began in the late 1970s and continues to date. Among his many merits, he has been a key figure in the development of the Cognitive Model in IR. Prof. Ingwersen is known as an excellent academic teacher and several of his former students have achieved notable academic status such as professor. He is also extremely well networked internationally and a top scholar in regard of citations received. He has also been active in serving the IR community, e.g., through organizing conferences in the roles of conference chair, program chair, and senior reviewer. – All this in addition to his high-note career in Informetrics.

It is therefore my great pleasure to support the nomination of Prof. Peter Ingwersen for the Tony Kent Strix Award 2015 in recognition of his outstanding achievement in the field of information retrieval. He is a candidate of outstanding caliber.



Professor KALLEVO JÄRVELIN

Enclosures -

Cc -

Cc for information only -

.....  
**Insight Centre for Data Analytics**

Dublin City University, Glasnevin, Dublin 9, Ireland.

**Tel.:** +353 1 7005262 **Email:** Alan.Smeaton@Insight-Centre.org

**Web:** [www.computing.dcu.ie/~asmeaton](http://www.computing.dcu.ie/~asmeaton)

Re nomination of Prof Peter Ingwersen for the UKeiG Tony Kent Strix Award  
2015

5 June 2015

To Whom It May Concern

It is a pleasure for me to write this letter in support of Prof Peter Ingwersen for his long-standing impact on the field of information retrieval. I have known Peter for almost 25 years and I first met him in the context of our joint attending of many years of SIGIR Conferences, which he and I each organised in Copenhagen and in Dublin respectively.

Peter's contribution to information retrieval can be summed up in three terms long-standing, impactful and broad. It is *long-standing* because he has been an unwavering advocate of a user-centric view of information retrieval for more than 2 decades, almost 3 in fact and in that time despite the changing nature of technology, devices, information types, delivery mechanisms and volume, his user-centric view remains the same, albeit that it changes and evolves as our field evolves. Peter's contribution is *impactful* because it has been a regular, throbbing undercurrent of a sensible approach to information management despite the huge changes. And finally it has been *broad* in that Peter's contribution is not just to information retrieval but to information seeking in general, in all its forms, media, devices, user types and information needs. As our field seemingly re-invents itself on a regular basis, the approaches and theories that Peter has been espousing since the early 1990s remain just as valid now as they were then.

It is for all these reasons that I strongly support the nomination of Prof Peter Ingwersen for the Strix Award

Yours Sincerely,



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ALAN F. SMEATON  
Professor of Computing



Jul 18, 2015

I am delighted to write a letter in support of **Peter Ingwersen's** nomination for the 2015 Tony Kent Strix Award. I have known Peter for more than two decades, interacting with him at conferences and program committees in the area of information retrieval. Peter has been a tireless advocate for human-centered aspects of retrieval systems, with a special focus on cognitive perspectives in the information seeking process

Peter's two books in the area of search interaction have been cited almost 2000 times. *Information Retrieval Interaction* (1992) set the conceptual foundation for search interaction by characterizing interactions between search intermediaries and information seekers, and *The Turn: Integration of Information Seeking and Retrieval in Context* (2005, with Kal Jarvelin) helped bridge the gap between information retrieval which often considers just relevance of individual documents to queries and evaluated on static collections in an offline fashion, and interaction information seeking practice which embodies searcher task, knowledge, motivational and other contexts. Today search systems, from desktop to web scale, are used by a diverse set of people for a wide range of important tasks and decision making, thus understanding and supporting interactive search is increasingly important in practice.

In addition to these two foundational books, Peter has explored several other important concepts such as polyrepresentation, dimensions of relevance, and webometrics. His work on polyrepresentation, for example, sets the theoretical and empirical foundations for the use of different cognitive structures and different representations of information objects and information needs to support effective information retrieval. Single, simple representations are not sufficient and, indeed, modern web search systems consider many representations of web pages (content, links, queries) and contextual factors in their ranking algorithms. Peter's early work on considering both content and link structure of web information sources (what he called "webometrics") was a precursor to some of the link techniques used in web search engines.

In addition to his many technical contributions, Peter's leadership is also seen in his many editorial and conference organization activities, and students.



In summary, I believe that Peter Ingwersen's sustained and significant contributions to the field of information retrieval make him an outstanding candidate for the 2015 Tony Kent Strix Award.

Please contact me if you need any additional information,

Susan

A handwritten signature in blue ink that reads "Susan Dumais".

Susan Dumais

[sdumais@microsoft.com](mailto:sdumais@microsoft.com)

### **Background on Susan Dumais.**

I am a Distinguished Scientist at Microsoft and Deputy Managing Director of the Microsoft Research Lab in Redmond WA. My technical expertise is in the areas of information retrieval, human-computer interaction, and cognitive science. At Microsoft, I have worked closely with several product groups (Bing, Windows Desktop Search, SharePoint, and Office Online Help) on search-related innovations. Prior to Microsoft, I was at Bell Labs and Bellcore for almost 20 years where I developed a statistical method for concept-based retrieval known as Latent Semantic Indexing (LSI), which has been influential in both the information retrieval and cognitive science communities. I have published more than 300 papers (with more than 44k citations) in the areas of web search, desktop search, user modeling and personalization, temporal dynamics of information, and novel interfaces for interactive retrieval. In addition to my industry experience, I am an adjunct professor in the Information School at the University of Washington, and have been a visiting faculty member at Stevens Institute of Technology, New York University, and the University of Chicago. I have been on the editorial board of journals and a reviewer and organizer leading conferences related to IR, HCI and Web, and was the Chair of the SIGIR from 1999 to 2003. I was elected to the ACM CHI Academy in 2005 and an ACM Fellow in 2006, received the ACM SIGIR Salton Award for lifetime achievement in information retrieval in 2009, was inducted into the National Academy of Engineering (NAE) and the Washington Academy of Science in 2011, received the ACM Athena Lecturer and Tony Kent Strix Awards in 2014, and was elected to the American Academy of Arts and Sciences in 2015.



DEI  
DIPARTIMENTO DI  
INGEGNERIA DELL'INFORMAZIONE



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

via Gradenigo, 6/B  
35131 Padova, Italy  
tel +39 049 8277600  
fax +39 049 8277699  
info@dei.unipd.it  
www.dei.unipd.it

CF 80006480281  
P.IVA 00742430283

23 August 2013

### Nomination Statement

Professor Peter Ingwersen has been able to cooperate, over the years, with different and diverse scientists of some of the most prestigious institutions of information science and computer science that operate worldwide in the different scientific topics of interest for Information Retrieval (IR). In the different institutions and in the different prestigious research roles, that he has covered in the different institutions where he has operated, he has always contributed to push the boundaries of traditional information retrieval research, and he has been able to reach relevant and innovative results both at theoretical and experimental levels.

Professor Ingwersen has been one of the pioneers of the area of "information retrieval interaction" with his seminal book of 1992 (P. Ingwersen. *Information Retrieval Interaction*. London, Taylor Graham, 1992; also published in Japanese translation, as well as in Korean), where he establishes the foundations of an area that is still becoming more and more important in IR.

He is one of the major contributors to the innovative research approach that considers in an integrated way information seeking and information retrieval, and he has contributed to propose new ways to make this integration possible together with presenting a comprehensive understanding of a complete and integrated view of information seeking and information retrieval (P. Ingwersen and K. Järvelin. *The Turn: Integration of Information Seeking and Retrieval in Context*. Dordrecht, Springer, 2005).

Professor Ingwersen has contributed through his articles to many other topics, among those, to cite just a few, user-driven IR evaluation methods, polyrepresentation principles in IR, scientometric and webometric analyses, including research evaluation, citation analysis and scientific communication. Many of his articles received a number of citations strongly influencing later developments and showing how he is placed at the forefront of international research.

Since Professor Peter Ingwersen has made significant, long standing and varied contributions to information retrieval, I strongly support him for the UKeiG Tony Kent Strix Award.

Yours faithfully,

Maristella Agosti  
Full Professor of Computer Science  
Department of Information Engineering  
University of Padua, Italy





Chris Armstrong  
UKeiG Awards  
Penbryn  
Bronant  
Aberystwyth SY23 4TJ  
UK

**Letter of support of Professor Emeritus Peter Ingwersen  
for the 2013 Tony Kent Strix award**

26 AUGUST 2013

With this letter I support the nomination of Professor Emeritus Peter Ingwersen for the 2013 Tony Kent Strix award. For decades Professor Ingwersen has been the leading proponent of the cognitive viewpoint to information retrieval (IR), and has as such contributed significantly to the development and maturing of the research area of interactive IR and its theoretical foundation. His proposal of the principle of poly-representation is such an example. The research community's recognition of Professor Ingwersen and the importance of his research is seen in the shift in IR towards a user-oriented perspective and a more system-user holistic understanding of IR, which has strengthened the research area and bridged the areas of IR and information seeking behaviour. Building on his IR knowledge, he has also been able to make considerably contributions to the research areas of scientometrics and bibliometrics, and he has coined the term 'webometrics' together with a former student of his. Professor Ingwersen possesses distinct and remarkable qualities worth awarding, in that, he is brilliant at identifying research problems and hence foresees new research trends due to his natural curiosity and extraordinary interdisciplinary overview of existing research. Students of his (me included) have over the years benefitted greatly from these talents as part of their doctoral educations – and so has the research community. The recognition and acknowledgement of Professor Ingwersen are also seen by the numerous awards he has received during his long career, e.g., ASIST LA Chapter CISTA Award (2009); ASIST Outstanding Teacher Award (2007); Derek de Solla Price Medal (2005); Thomson Award of research excellence (2005); ASIST Research Award (2003); ASIS, New Jersey Chapter Distinguish Lectureship Award (1994); Jason Farradane Award (1993). He has dedicated his entire work-life to IR, the research area, and us. He has made a difference! This we should honour! For these reasons I support the nomination of Professor Ingwersen for the 2013 Tony Kent Strix award.

DIR +45 98 77 30 51

sjc900@iva.ku.dk

REF: PB

Yours sincerely,

Pia Borlund, Professor



Copenhagen  
August 21st 2014

**To:** Awards Committee for the Tony Kent Strix Award 2014

**Subject:** Letter of support for Peter Ingwersen

I strongly support Professor Emeritus Peter Ingwersen's nomination for the Tony Kent Strix Award 2014.

On a scientific level, Peter Ingwersen's influence is unmistakable and strong. His books on information retrieval are key works; his work on the cognitive viewpoint very influential; and he has made significant contributions to scientometrics. His influence is clear even in my field, human-computer interaction and user interfaces for information access and use.

On a personal level, I met Peter as a young student at a PhD course in Tampere in the fall of 1999. He carefully discussed probabilistic principles and the importance of interaction with me. He used patience and humor to teach and continued the discussions of science well into the evenings. I am grateful for the directions and ways of thinking Peter showed me then and later in assessing my PhD thesis.

In sum, I consider Peter Ingwersen a perfect candidate for the award: a great scholar and a supportive and caring personality.

Best regards,

A handwritten signature in blue ink, which appears to be 'KH', followed by a long horizontal stroke extending to the right.

Kasper Hornbæk, PhD, Professor mso  
Department of Computer Science, University of Copenhagen, Denmark  
Njalsgade 128, building 24, 5. floor  
DK-2300 Copenhagen S  
Denmark





# University of Glasgow | School of Computing Science

26<sup>th</sup> August 2014

**Prof. Peter Ingwersen**

TO WHOM IT MAY CONCERN

I would like to nominate Prof. Peter Ingwersen for the prestigious Tony Kent Strix Award. Prof Ingwersen has made significant contributions to the field of IR, especially to the cognitive aspects of search and retrieval. His two books on IR have become pivotal material for the field and along with his earlier writing on cognitive issues in IR was instrumental for the development of a number of new research (simulated search evaluation methodology, context modelling etc.). This prestigious award will be an appropriate way of recognising his valuable contributions to the field of information science and retrieval.

Yours sincerely



Joemon M Jose

**Joemon M Jose Fellow BCS & IET, CITP**  
Professor of Information Retrieval

School of Computing Science  
Sir Alwyn Williams Building  
University of Glasgow, Glasgow G12 8RZ  
Tel: +44 (0) 141 330 1636 Fax: +44 (0) 141 330 4913  
Email: joemon.jose@glasgow.ac.uk



UNC  
SCHOOL OF INFORMATION  
AND LIBRARY SCIENCE

THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

100 MANNING HALL  
CAMPUS BOX 3360  
CHAPEL HILL, NC 27599-3360

T 919.962.8065  
F 919.962.8071  
<http://sils.unc.edu>

**DIANE KELLY, PH.D.**  
*Associate Professor*  
[dianek@ils.unc.edu](mailto:dianek@ils.unc.edu)

August 29, 2013

Dear Members of the Awards Selection Committee,

I am writing to recommend Prof. Peter Ingwersen for the UKeiG Tony Kent Strix Award for achievement in the field of information retrieval (IR). I have known Prof. Ingwersen since I was a PhD student, or for approximately twelve years.

Throughout his career, Prof. Ingwersen has made many substantial and important contributions to IR. During the 1980s he conducted one of the first and most detailed investigations of people's interactions with human search intermediaries in order to inform the design of automated search intermediaries. This work was ground breaking at the time and the work of Prof. Ingwersen and others can be seen in today's modern day automated search intermediaries, such as iPhone's Siri. At the recent ACM SIGIR Conference, one of the major venues for IR research, a representative from Google stated that automated search assistants with which one could interact via voice-based dialogue are the future of search. When I heard this, I smiled as I recalled Prof. Ingwersen's early research that was conducted during a time when search at the scale we see it today was a fantasy and having people discuss their information needs with a machine was the stuff of science fiction.

Prof. Ingwersen pioneered one of the dominant perspectives in information retrieval, the cognitive perspective, which focuses not only on the retrieval technology, but also on user's cognitive processing and information-seeking context. Prof. Ingwersen's book, *Information Retrieval Interaction*, which was first published in 1992 and has a citation count of 863 according to Google Scholar, quickly became required reading for most people working in the area of information retrieval, especially those interested in understanding more about how to design IR systems to support users. Since that time, Prof. Ingwersen has produced a steady stream of high-quality and insightful research in the area of IR. His recent co-authored book, *The Turn: Integration of Information Seeking and Retrieval in Context*, compiled and summarized over thirty years of research in IR and information seeking and has already received 708 citations according to Google Scholar. Throughout his career, Prof. Ingwersen has been a strong advocate for the user perspective in IR, challenging system builders who make strong and unrealistic assumptions about human behaviors and needs, and pushing all researchers to acknowledge, and many researchers study, the complexities inherent in the IR process.

Sincerely,

Diane Kelly



SCHOOL OF INFORMATION  
102 SOUTH HALL # 4600  
BERKELEY, CALIFORNIA 94720-4600  
(510) 642-1464  
(510) 642-5814 Fax

August 25, 2014

Prof. Birger Larsen  
Aalborg University  
The Faculty of Humanities  
Department of Communication and Psychology  
Communication and Information Studies (CIS)  
A.C. Meyers Vænge 15, Room 3B  
2450 København SV  
Denmark

Re: Nomination of Peter Ingwersen for the Tony Kent Strix award.

Dear Birger;

I am delighted to offer this letter of support for the nomination of Peter Ingwersen for the Tony Kent Strix award. I met Peter at my very first international conference experience (FID 1988 in Helsinki) where we first compared notes on our common research interests. Since then I've always respected and followed his work, particularly in the areas of cognitive and interactive information retrieval, and in his fundamental work applying the principles of bibliometrics to the World Wide Web.

Peter has always been a strong voice reminding the IR community that the user and the user's understanding and comprehension of the material retrieved is the very foundation of Information Retrieval, and without a better understanding and theory of the user's cognitive processes in information seeking, we are leaving out the central core of the IR process.

I am very glad that you have nominated Peter for this honor, since it seems to me that he is an excellent exemplar of the kind of sustained and important contributions to Information Retrieval that this award is intended to celebrate. I have no hesitation whatsoever in giving Peter my highest recommendation.

Sincerely,

A handwritten signature in black ink, appearing to read "Ray R. Larson".

Ray R. Larson  
Professor



# Wuhan University

No.299, BaYi Road  
Wuchang, Wuhan  
Hubei, P.R. China  
430072

26 August 2014

To Whom It May Concern

## NOMINATION OF PETER INGWERSEN FOR TONY KENT STRIX AWARD

With my great pleasure, I write this letter to support the nomination of Professor Peter Ingwersen for the 2014 Tony Kent Strix award. Professor Ingwersen has been a leading researcher in information science and has outstanding contributions especially in the fields of information retrieval, informetrics and scientometrics.

As one of the pioneers of the area of "information retrieval interaction", Professor Ingwersen has devoted to the integration of human factors and retrieval system for decades, and developed a renowned Cognitive Model for information retrieval. As far as I know, his two significant books in English have been also translated into Japanese, Korean and Chinese respectively, which influenced many researchers, including myself. Some of my works are inspired by his cognitive view.

Professor Ingwersen has always been actively engaged in scholarly communications. He's kind-hearted and helped many. I will never forget the days during the visit in his center, where I spent 10 months as a visiting professor.

For Professor Ingwersen's significant and unique contributions to information retrieval, I strongly support him for the Tony Kent Strix Award.

Yours Sincerely,

A handwritten signature in black ink, appearing to be 'Wei Lu' with stylized flourishes.

Wei Lu, Professor  
Vice Dean, School of Information Management  
weilu@whu.edu.cn

26 August 2013

**Dear Jury of the Tony Kent Strix Award**

It is with great pleasure that I write in support of Professor Peter Ingwersen's nomination for Tony Kent Strix award. Professor Ingwersen has been a leading scholar and contribution to the field of Information Science making several major contributions, in particular on the cognitive understanding of human search behaviour.

His sustained interest in the cooperation between human factors and system design has led to many important scholarly works including two significant books, the latter (with Professor Jarvelin) has inspired many younger researchers in the Information Science community.

He has acted as a true intellectual leader, both in his own research and in directing the research community through starting up two new conference series (CoLIS and IIX), participating in many Doctoral Consortia and summer schools and through his personal mentorship of the new generation of researchers.

Peter is indeed an educational mentor in the truest sense of the word. His impact is not simply through his many formal teaching engagements and his excellent manuscripts but in many small, important actions that lead students into becoming independent researchers and practitioners. Peter is excellent, for example, in linking students and encouraging collaborations between students. Many of my international collaborators, some who are now close friends, I first met through an introduction from Peter at a conference or workshop. He is excellent at supporting activities that benefit student engagement and networking within the field. His own students, and others that he has mentored, are international figures not least because of his careful encouragement and sound advice.

He has led a particularly fruitful area of Information Science research that has provided a scientific basis for understanding our interaction with information systems and how that understanding can lead to better system design. I think he would be an excellent choice as recipient for this important award.

Yours sincerely



Ian Ruthven  
*Professor of Information Seeking and Retrieval*

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*A PLACE OF USEFUL LEARNING SINCE 1796*



Universidad  
Carlos III de Madrid

Chris Armstrong  
UKeiG Awards  
Penbryn  
Bronant  
Aberystwyth SY23 4TJ  
UK

Madrid, August 24th of 2014

Dear Sir,

I would like to support the nomination of Professor Peter Ingwersen for the 2014 Tony Kent Strix Award.

Professor Ingwersen's scientific contribution to the information retrieval field has been very important. His research activities in this field have contributed to increase the new knowledge, as well as the development and exploitation of new technologies in order to enhance information retrieval. He has engaged in many international research projects, like the TAPIR Project on Text Access Potentials for interactive IR, being chair of the research team. The projects concern the development of task-based multi-evidence access to scientific and multimedia information objects and structured texts, including on the Web. He has published several books on information retrieval, as well as more than 100 articles in peer reviewed journals. He has been visiting scholar at several universities (Keio University, Tokyo; University of Pretoria, Republic of South Africa).

Professor Ingwersen's research activities have been recognized with several awards (the Jason Farradane Award, from the Institute of Information Scientists, UK; the American Society for Information Science/New Jersey Distinguished Lectureship Award, the American Society for Information Science & Technology Research Award; the Thomson Award of excellence in Denmark; the Derek De Solla Price Award).



Professor Ingwersen is an international reference in the Information Retrieval field, and his knowledge has been wide spread on several prestigious conferences worldwide (the Anne V. Marinelli Lecture Series, Texas Woman's University; the Lazarow Memorial Lecture, the Information School, University of Washington, the University of Tennessee, 2009, the Carlos III University of Madrid, etc.)

In 2010 I had the opportunity to collaborate with Professor Ingwersen in a project financed by Spanish Ministry of Innovation and Science, and titled "Analysis of scientific and technological capacities of Eco-economy in Spain, throughout I+D+i quantitative and qualitative indicators". A year later he won the Excellence Chair of the Carlos III University of Madrid and Banco de Santander. During my collaboration with Professor Ingwersen I could appreciate his strong knowledge on information retrieve field, and his capacity to apply this on any of the projects that we were involved.

For all these reasons, I consider that Professor Peter Ingwersen could be a good candidate for the 2014 Tony Kent Strix Award.

Sincerely,



Professor Elias Sanz-Casado  
Carlos III University of Madrid



THE UNIVERSITY *of* TENNESSEE

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**School of Information Sciences**

451 Communications & UEB  
1345 Circle Park Drive  
Knoxville, TN 37996-0341  
(865) 974-2148  
fax: (865) 974-4967  
<http://www.sis.utk.edu>





**LUND**  
UNIVERSITY

Lund University Library  
Fredrik Åström, PhD

2014-08-20

The Award Committee,  
The 2014 Tony Kent Strix Award

**Letter of Support: The nomination of Professor Peter Ingwersen  
for the 2014 Tony Kent Strix Award**

I hereby write to offer my support for the nomination of Professor Peter Ingwersen for the 2014 Tony Kent Strix Award for outstanding achievement in the field of information retrieval. Professor Ingwersen's contributions to the field of information retrieval (IR) cannot be underestimated, being one of the driving forces in establishing the cognitive perspective in IR research and contributing to the theoretical development of IR research for more than three decades, introducing concepts such as "Interactive information retrieval" and "Polyrepresentation"; and raising the awareness of the importance of understanding the interaction between IR systems development and the information seeking behavior of the users, as well as the importance of understanding the wider context of information seeking and retrieval processes. Professor Ingwersen is not only one of the most productive scholars in the IR field – as well as in information behavior and bibliometrics research – but also one of the most cited. In addition to Professor Ingwersen's contributions to the IR field through his own research, Ingwersen has also been instrumental in the further development of the IR field through his support of younger scholars as mentor and supervisor for IR researchers all over the world.

Fredrik Åström  
Docent (Reader/Associate Professor) in Library and Information Science  
Bibliometrics and Scholarly Communication Expert at Lund University Library