

IDEAS, The Pre-teen years

Bipin C. Desai
IDEAS/Concordia University
Montreal, Canada
BipinC.Desai@concordia.ca

ABSTRACT

This paper provides a summary of the pre-teen years of IDEAS from 1997 through 2008. Many people have been involved in organizing the annual meeting. These include the program chairs, members of the program committee, local organizing committee, support staffs at the institutes that have hosted the meetings over the years and last but not least the thousands of authors who submitted their work to IDEAS. I would like to thank all these colleagues.

CCS CONCEPTS

• **General and reference** → *Surveys and overviews*;

KEYWORDS

IDEAS, International Database Engineering & Applications Symposium

ACM Reference Format:

Bipin C. Desai. 2008. IDEAS, The Pre-teen years. In *Proceedings of 2008 international symposium on Database engineering & applications (IDEAS 2008)*. ACM, New York, NY, USA, 8 pages. <https://doi.org/10.1145/1451940.1451942>

1 INTRODUCTION

IDEAS was established in 1996 to address the need for a meeting where more practical aspects of databases could be addressed. As such, the focus of the IDEAS series of symposiums is to address the engineering and application aspects of databases. This series of symposiums has emerged as an unique and important forum to discuss experiences in applying databases to actual situations.

Over the past dozen years, these symposiums have provided an international forum for discussion of the problems of engineering database systems involving not only database technology but the related areas of information retrieval, multimedia, human machine interface and communication. The goal of IDEAS is to foster closer interaction among the industrial, research and user communities and provide an excellent opportunity for them to meet, discuss concepts and methodologies, examine the current ones and develop new solutions and research directions. Along with the technical sessions, the symposium also features prominent invited speakers.

IDEAS series of symposiums are scheduled annually and have been held since 1997 in North America, Europe and Asia. It has attracted participants from governmental and non-governmental

Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for third-party components of this work must be honored. For all other uses, contact the owner/author(s).

IDEAS 2008, September 2008, Coimbra, Portugal

© 2008 Copyright held by the owner/author(s).

ACM ISBN 123-4567-24-567/08/06.

<https://doi.org/10.1145/1451940.1451942>

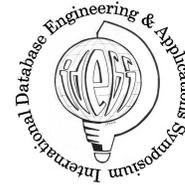


Figure 1: A sample black and white graphic that has been resized with the `includegraphics` command.

agencies, industries, and academia to exchange ideas and share experiences.

From the onset, IDEAS has invited quality papers describing original concepts and new findings on applied technological and theoretical aspects of database engineering and applications. IDEAS particularly welcomes submissions describing work on integrating new technologies into products and applications, on experiences with existing and novel techniques, and on the identification of unsolved challenges.

The focus of the program committee has been to be very selective and the program chairs ensured this by gathering an excellent program committee, and providing in depth reviews of papers submitted. All papers, over the last seven meetings, have been assigned to four reviewers. Since it was not always possible for reviewers to finish the reviews in time, they were encouraged to seek the help of external reviewers to help in the task.

The reviews were discussed; over the last seven meetings, thanks to the technology and the development of ConfSys[1], we have been able to provide blind reviews¹ and blind debates². As a general chair, I have been able to see the importance of this double blind process. In the earlier days, with just emails, the more dominant reviewer tended to influence the others. With blind reviews and debates more open decisions are possible.

2 THE PROGRAM CHAIRS

Over the years, I had the good fortune to have the help of many colleagues to assist me in the program chairing tasks. They helped maintain the high standards that were the goals of IDEAS. The following is the list of these program co-chairs.

Barry Eaglestone (Bradford)

Baoluo Li (Academy of Medical Science)

Christine Collet (Grenoble)

Fulin Zhan (Shenzhen Centre for Medical Information)

Gottfried Vossen (Muenster)

Gosta Grahne (Concordia)

¹The authors do not know the identity of the reviewers

²The reviewers do not know the identity of the other reviewers

Henrique Madeira(CISUC, UC/DEI)
 Jianhua Shao(Cardiff)
 Jorge Bernardino (ISEC)
 Ken Barker(Univ. of Calagary)
 Kequin Rao(Ministry of Health, PRC)
 M. Tamer Ozsu (Univ. of Waterloo)
 Mario A. Nascimento (Univ. of Alberta)
 Michel Adiba (Grenoble)
 Motomichi Toyama (Keio)
 Osmar Zaiane(Univ. of Alberta)
 S. K. Gupta(IIT, Delhi)
 Wilfred Ng (HKUST)
 Yasushi Kiyoki (Keio)

3 THE PROGRAM COMMITTEES

The standard of any academic conference is a shared responsibility between the program chair(s) and the program committee. The program committee is always called on to provide a review of many papers in a very short period of time. During the review and the following debate period, they are constantly reminded by the program chairs and the general chairs to finish the review on time and then participate in a debate for papers that seem to be controversial.

I would like to tip my hat to the following colleagues who helped to provide timely reviews. Many a time, they had only a few weeks to do the job and they were always generous with their time.

A Kumaran (Microsoft Research, India)
 Agma Traina (USP at Sao Carlos, Brazil)
 Alex Biliris (AT&T Research)
 Alex Buchmann (Univ. of Darmstadt, Germany)
 Alfredo Cuzzocrea (University of Calabria)
 Alok Choudhary (Northwestern University)
 Andre Cloutre (University of Montreal)
 Anne Doucet (Pierre et Marie Curie Univ. France)
 Arturas Mazeika (Free University of Bozen)
 Arun K Pujari (University of Hyderabad)
 Asuman Dogac (Middle East Technical Univ., Turkey)
 B G Prasad (East Point College of Engn. & Tech.)
 Baikunth Nath (University of Melbourne)
 Bala Iyer (IBM Santa Teresa Lab)
 Baoluo Li (China's Academy of Medical Science)
 Barbara Pernici (Politecnico di Milano, Italy)
 Beng-Chin Ooi (NUS, Singapore)
 Bettina Kemme (McGill University)
 Bettina Kemme (McGill University, Canada)
 Bin Cui (National University of Singapore)
 Bin Cui (Peking University)
 Bing Liu (University of Illinois at Chicago)
 Bipin C. Desai (Concordia University)
 Brigitte Kerherväl (UQAM)
 Can Tuerker (ETH-Zurich)
 Carson K. Leung (University of Manitoba)
 Catherine Berrut (Grenoble)
 Christian Lang (IBM Research)
 Christine Collet (Grenoble)
 D Jankiram (IIT, Chennai)

DVLN Somayajulu (National Institute of Technology)
 Daniel Barbara (George Mason Univ.)
 David Wai-lok Cheung (Univ. of Hong Kong)
 Davood Rafiei (Univ. of Alberta)
 Dik Li (HKUST)
 Dimitris Papadias (HKUST)
 Divesh Srivastava (AT&T Research)
 Divy Agrawal (UCSB)
 Domenico Sacca (Università della Calabria)
 Dominique Laurent (Université de Cergy-Pontoise)
 Edward W. Hammond (Duke University)
 Elisa Bertino (University of Milano)
 Eljas Soisalon-Soininen, (Helsinki Univ. of Technology)
 Esther Pacitti (University of Nantes)
 Fabien Courreges (Kingston University)
 Fabio Casati (HP, USA)
 Feng Ling (University of Twente)
 Fereidoon Sadri (UNCG)
 Frank Dehne (Griffith University)
 François Llirbat (INRIA Rocquencourt)
 François Rechenmann (INRIA Rhône-Alpes)
 Frederick Lochovsky (HKUST)
 Fulin Zhang (Center for Health Statistics & Information)
 Gabriel David (Univ. of Porto, Portugal)
 Georg Lausen (Freiburg)
 Gilbert Babin (HEC Montreal)
 Glen Paulley (Sybase)
 Gonzalo Navarro (Univ. of Chile)
 Gottfried Vossen (Univ. of Muenster)
 Grant Weddell (Univ. of Waterloo)
 Guangxiang Gu (Society of Medical Institutions)
 Gösta Grahne (Concordia)
 Hasan Jamil (Mississippi State)
 Henrique Madeira (Univ. of Coimbra)
 Hiroyuki Kawano (Kyoto Univ.)
 Hong Va Leong (HKUST)
 Hongjun Lu (HKUST)
 Indrajit Ray (Colorado State University)
 Isabel Cruz (WPI)
 Jacques Kouloumdjian (Lyon Univ.)
 James Bailey (University of Melbourne)
 Jano Moreira de Souza (Federal Univ. of Rio de Janeiro)
 Jari Veijalainen (University of Jyväskylä)
 Jaroslav Pokorny (Charles Univ.)
 Jeffery Xu Yu (Chinese University of Hong Kong)
 Jens Lechtenboerger (Universität Münster)
 Jiawei Han (Univ. of Illinois)
 Jiqian Fang (Zhongshan Medical University)
 Joachim Biskup (Dortmund)
 Joerg Sander (University of Alberta)
 John Velissarios (Price Waterhouse)
 Jonathan Gray (Univ. of Wollongong)
 Jorge Bernardino (ISEC)
 Kai-Uwe Sattler (University of Ilmenau)
 Kalpdrum Passi (Laurentian University)
 Kamal Karlapalem (IIIT)
 Karin Becker (Pontificia Univ. Católica do Rio Grande do Sul)

Karl Aberer (EPFL, Switzerland)
 Kathy Lassila (Colorado State)
 Kazimierz Subieta (Polish Acad Sci.)
 Kazutoshi Sumiya (Kobe Univ.)
 Ke Wang (Simon Fraser Univ.)
 Ken Barker (University of Calgary)
 Ken Salem (Univ. of Waterloo)
 Keqin Rao (The Ministry of Health)
 Kesheng Wu (Lawrence Berkeley National Laboratory)
 Klaus R. Dittrich (University of Zurich)
 Klemens Boehm (ETH)
 Kokou Yetongnon (Univ. of Bourgogne)
 Krishna Kummamuru (IBM)
 Krishnamurty Vidyasankar (Memorial University)
 Krithi Ramamritham (IIT Bombay)
 Kyu-Young Wang (KAIST)
 Laks V. S. (Lakshmanan)(UBC)
 Leonid A. Kalinichenko (Russian Acad Sci)
 Ling Tok Wang (NUS-Singapore)
 Lingren Kong (Jianan University)
 Louiqa Raschid(Maryland)
 Luc Bouganim (Univ. of Versailles, France)
 Lukasz Golab (AT&T)
 Lynn M. Nagle (Mount Sinai Hospital)
 Manuel Torres (Universidad de Almeria)
 Maria Orłowska (Univ. of Queensland)
 Mark Levene (University of London)
 Martin Kersten (CWI, Netherlands)
 Masaru Kitsuregawa (Univ. of Tokyo)
 Mathias Weske (Hasso-Plattner Institute)
 Matteo Golfarelli (University of Bologna)
 Mengchi Liu (Carleton University)
 Michael H. Böhlen (Aalborg University)
 Michel Adiba (Grenoble)
 Mohamed Mokbel (University of Minnesota)
 Motomichi Toyama (Keio University)
 Mukesh Mohania (Western Michigan)
 Naveen Kumar (University of Dehli)
 Naveen Prakash (JUIT)
 Nectaria Tryfona (Aalborg Univ.)
 Neelima Gupta (University of Delhi)
 Nematollaah Shiri (Concordia University)
 Nick Koudas (AT&T Labs)
 Nicolas Spyrtatos (Universite Paris Sud)
 Nicole Bidoit (Bordeaux Univ., LABRI)
 Nikos Mamoulis (University of Hong Kong)
 Nina Edelweiss (UFRGS, Brazil)
 Orlando Belo (Univ. of Minho)
 Osmar Zaiane (Univ. of Alberta)
 Ozgur Ulusoy (Bilkent University)
 Paul Lu (Univ. of Alberta)
 Pedro Furtado (DEI- Univ. of Coimbra)
 Penny Jennett (Univ. Calgary)
 Peter Bodorik (Dalhousie University)
 Peter Fankhauser (GMD)
 Peter Revesz (Univ. Nebraska-Lincoln)
 Philippe Pucheral (Versailles Univ., PRISM)
 Prabhakar Gokul (Lucent)
 Prasan Roy (IBM)
 Punam Bedi (University of Delhi)
 Qiang Yang (HKUST)
 RK Agrawal (JawaharLal Nehru University)
 RK Shyamasundar (IBM)
 Rafi Ahmed (Oracle)
 Rainer Unland (Heinrich-Heine Universitat Dusseldorf)
 Raja Datta (NE Inst. of Sci. & Tech.)
 Rajendra Akerkar (American University of Armenia)
 Ralf H. Gueting (Fern Univ. of Hagen, Germany)
 Ralf Hartmut Goeting (Fernuniversitat Hagen, Germany)
 Ravikanth Kothuri (Oracle)
 Raymond Ng (UBC)
 Rene Witte (Universitat Karlsruhe)
 Reynold Cheng (Hong Kong Polytechnic University)
 Riccardo Torlone (Universita' di Roma Tre)
 Richard McClatchey (UWE/CERN)
 Roddy Neame (International Univ. of Health Sciences)
 Roger Barga (Microsoft)
 Roger Tagg (Massey-NZ)
 Rombout Meijer (Hogeschool Utrecht)
 Ron Sacks-Davis (RMIT, Australia)
 S Chandrashekhar (Fore School of Management, Delhi)
 Sanjay Madira (University of Missouri-Rolla)
 Sanjay K Madria(Purdue)
 Naveen Kumar(Delhi Univ.)
 Sara Foresti (University of Milan)
 Sergio Lifschitz (PUC-Rio, Brazil)
 Sergio Viademonte (Univ. of Monash, Australia)
 Sham Navathe (Georgia Tech.)
 Shamik Sural (IIT, Kharagpur)
 Shri Kant (DRDO)
 Shyam K. Gupta (IIT, Delhi)
 Sihem Amer-Yahia (AT&T Research Labs)
 Siva Ravada (Oracle)
 Sonajharia Minz (Jawaharlal Nehru University)
 Srinath Srinivasa (IIIT)
 Stefan Conrad (Universitat Duesseldorf)
 Stu E Donald (BytePress)
 Subbu Subramanian (IBM Almaden Res.)
 Sumit Sarkar (University of Texas at Dallas)
 Sylvia Osborn (UWO)
 T V Vijay Kumar (JawaharLal Nehru University)
 Teruhisa Hochin (Fukui Univ.)
 Theo Haerder (Universitat Kaiserslautern)
 Tianhe Xu (Journal of China's Hospital Statistics)
 Tim Merrett (McGill University)
 Timos Sellis (NTU)
 Todd Eavis (Concordia University)
 Tok Wang Ling (NUS-Singapore)
 Tore Risch (Uppsala University)
 Vasudha Bhatnagar (University of Delhi)
 Vicent Oria (NJIT)
 Vikram Pudi (IIIT)
 Vlad Wietrzyk (Macquarie-Australia)
 Volker Haarslev (Concordia University)

W Knight (BytePress)
 Wendy Osborn (University of Lethbridge)
 Wilfred Ng (Hong Kong)
 William I Grosky (Wayne State Univ.)
 Yanjie Gao (The Ministry of Health)
 Yannis Theodoridis (University of Piraeus)
 Yasushi Kiyoki (Keio Univ.)
 Yimin Li (Center for Health Statistics & Information)
 Yiu-Kai Dennis Ng (Brigham Young University)
 Yoshiharu Ishikawa (Tsukuba Univ.)
 Youping Li (Sichuan University)
 Yude Chen (Beijing University) Yuwei Feng (Concordia)
 Zbigniew W Ras (UNCC)
 Zoe Lacroix (SURROMED)
 Zohra Bellahsene (Universite de Montpellier)

4 INVITED SPEAKERS

IDEAS over the years has been fortunate to have some of the top names in our domain share their knowledge with the participants. They generously provided excellent opportunities for the participants to discuss their research and offered their insights for new avenues of research. IDEAS would like to acknowledge their participations.

Alberto Mendelzon (Univ. of Toronto)
 Craig Feied (Institute for Medical Informatics)
 Daniel Dias (IBM)
 Dennis Shasha (NYU)
 Don Chamberlin (IBM)
 Elisa Bertino (Purdue University)
 Hans-J org Schek (ETHZ)
 I S Mumick (Kirusa)
 Jeff Walker (Tenfold)
 Jeffrey D. Ullman (Stanford)
 Jiawei Han (Simon Fraser)
 Laks V.S. Lakshmanan (UBC)
 Limsoon Wong (Singapore)
 M. Tamer Özsu (Univ. Alberta)
 Nick Koudas (AT&T Research)
 Peter Lockemann (University of Karlsruhe)
 Prabir Bhattacharya (Concordia University)
 Raghu Ramakrishnan (Univ. of Wisconsin)
 Sham Navathe (Georgia Tech)
 Sophie Cluet (INRIA)
 Surajit Chaudhuri (Microsoft Research)
 Sushil Jajodia (George Mason)
 Timos K. Sellis (NTU)
 Tom Noseworthy (University of Calgary)
 W. A. Gray (Cardiff)

5 AUTHORS

The success of a conference depends on the contribution and participation of the authors. IDEAS has been fortunate to receive excellent papers over the years and the painstaking review process has allowed us to select the best of this set of very good submissions.

Without leaving anyone out, here is the list of authors who had their work published in the IDEAS proceedings.

A. Agarwal, A. Bauer, A. Chan, A. Dahanayake, A. Dileva, A. Faulconbridge, A. Münnich, A. P. Madurapperuma, A. P. de Vries, A. Pesonen, A. Seetharaman, A. Simonet, A. Struebing, A. W. Fu, A. Winter, A. Wolski, Abdelhak Seriai, Abdelhak-Djamel Seriai, Abhishek Srivastava, Ada Fu, Ada Wai-Chee Fu, Agata Savary, Agnes L. F. Chan, Ahmed Cheriat, Ajantha Dahanayake, Akifumi Makinouchi, Akira Ohara, Alan Cox, Alan Fekete, Alberto Abelló, Alberto Pan, Alberto Portilla, Alberto Trombetta, Albrecht Schmidt, Aleksandra Tesanovic, Alex Gray, Alex Thomo, Alexander Clausnitzer, Alexander Gurevich, Alexander Löser, Alexander Münnich, Alexander Struebing, Alexandre X. Falcao, Alexandros Nanopoulos, Alfred Winter, Alfredo Cuzzocrea, Ali Kiani Tallaei, Ali R. Hurson, Alia I. Abdelmoty, Alok Choudhary, Alvin Cheung, Ambuj Singh, Amer Al-Badarneth, Amit Gupta, Amit Satsangi, Amitabha Das, Amr El Abadi, Ana Maria Moura, Ana Simonet, Anand Gupta, Anand Sivasubramaniam, Anca Vaduva, Anders Friis-Christensen, Andrea Pugliese, Andrea Tagarelli, Andreas Bachmann, Andreas Heuer, Andreas Ludwig, Andreas Rauber, Andrew Branson, Andrew Fry, Andrew J. Nadler, Andrew Rau-Chaplin, Andrzej Hoppe, Andrzej Jodlowski, Angela Bonifati, Angelika Reiser, Anil K Sarje, Anil Yardi, Anindya Chakraborty, Anirban Mondal, Anisoara Nica, Annalisa Di Deo, Anne Doucet, Anne Laurent, Anne Pons, Anny Lai-mei Chiu, Anthony J. Kusalik, Antonio Albano, Antonio Di Leva, Antonio Si, Antonis Koufopoulos, Aoying Zhou, Aparna Seetharaman, Apostolos Papadopoulos, Arnaud Da Costa, Arturas Mazeika, Arun Kumar Majumdar, Ashiq Anjum, Ashish Mangla, Ashish Naveen, Ashraf Elnagar, Ashwani Garg, Ateret Anaby-Tavor, Athena Vakali, Atul Chadha, Awais Rashid, Ayla Sayli, Ayse Yasemin Seydim, Azzam Ibrahim, B. Desai, B. Benatallah, B. Brigl, B. Chidlovskii, B. Eaglestone, B. Eberman, B. G. T. Lowden, B. Iyer, B. John Oommen, B. Ryan, Bahar A. El-Geresy, Baile Shi, Bala Iyer, Baoliang Liu, Baptiste Jeudy, Beatrice Bouchou, Beda Christoph Hammerschmidt, Bell David, Bellatreche Ladjel, Beng Chin Ooi, Bennet Vance, Bernhard Mitschang, Bettina Kemme, Bharat Bhasker, Bianca Goncalves, Bing Sun, Bipin C Desai, Birgit Brigl, Bo Zhou, Bochmann v. Gregor, Bradford Pielech, Bradley Fordham, Brajendra Panda, Brigitte Kerherve, Byung S. Lee, Byunggu Yu, Byunggu Yu, C. Bir, C. Carne, C. Feied, C. H. Cai, C. H. Cheng, C. I. Ezeife, C. Pavlovski, C. R. Saravanan, C. S. Jensen, C. S. Jensen, C. Turker, Calisto Zuzarte, Carlo Mastroianni, Carlo Sartiani, Carlos Heuser, Carlos Marquardt, Carolin Letz, Carson Kai-Sang Leung, Chabane-Mourad Oussalah, Chang Sup Park, Changqing Chen, Chanjung Park, Chantal Reynaud, Charilaos Thomos, Chen Huajun, Chi-Hoon Lee, Chintan Sanghvi, Chinya Ravishankar, Chirine Ghedira, Chokri Ben Necib, Chris Pavlovski, Christian Dantgen, Christian Jensen, Christian Lang, Christian Mathis, Christian S. Jensen, Christian Thomsen, Christie Ezeife, Christine Collet, Christophe Nicolle, Chuang Liu, Chung-hao Tan, Chunru Wan, Chunyue Wang, Clara Nippl, Clara Pizzuti, Claudia Roncancio, Claus A. Christensen, Clesio Saraiva dos Santos, Cong Zhou, Congjun Yang, Craig Feied, Cristina Dallera, Cristina Sirangelo, Cui Yu, Cyril Labbe, Cyrus Shahabi,

D. A. Bell, D. Agrawal, D. Baker, D. E. Kovalcin, D. Guillon, D. Jutra, D. McGregor, D. N. Jutla, D. Rogulin, D. Sacca, D. Taniar, D. Tudhope, D. Ursino, D. Wood, Dan Vodislav, Daniel Klan, Daniel Oberle, Daniel P. Miranker, Danilo Montesi, Darcy Benoit, David Cueva, David Del Vecchio, David Lomet, David Maier, David Manset, David Skillicorn, David Skogan, David Spoonert, David W. Embley, David Wood, Dawn Jutla, Dennis Pedersen, Dennis Shasha, Dennis Wollersheim, Didier Guillon, Dieter Merkl, Dieter Pfoser, Dimitri Theodoratos, Dimitrios Katsaros, Dina Goldin, Dixie B. Baker, Djamel Benslimane, Dmitri Boulanger, Dmitry Rogulin, Domenico Rosaci, Domenico Ursino, provide Don P. Ragan, Donald R. Schwarz, Dong (Haoyuan) Li, Dongsoo Han, Dorothy Curtis, Dragan Stojanovic, Duncan Ruiz, Dunren Che, E. Chang, E. Gulatee, Ehud Gudes, Eike Schallehn, Eike Schallehn, Eleftherios Tiakas, Elena Soutyrina, Elio Masciari, Elisa Bertino, Elizabeth Chang, Elizabeth Lam, Elizabeth O'Neil, Eljas Soisalonsoinen, Elke A. Rundensteiner, Emmanuel Barillot, Emmanuel Waller, Eric Leclercq, Eric Louie, Eric Tobias Henn, Eric Viara, Erend Tassebo, Ernst-August Stehr, provide Ester Zumpano, Eugenio Cesario, Eun-Sun Cho, Evgeniya Altareva, Eyas El-Qawasmeh, F Zhang, F. Estrella, F. Estrella, F. Saltor, F. Umimsky, Fabiano Silva, Fabio Costa, Fabio Porto, Fabio Jose Coutinho Silva, Fabrizio Angiulli, Fadila Bentayeb, Farshad Fotouhi, Fatima Farag, Feihong Hsu, Felipe Silveira, Fereidoon Sadri, Fernando Uminsky, Ferrari Alves, Filippo Furfaro, Florida Estrella, Francesco Folino, Francois Barbancon, Frank Bin-kowski, Frank Dehne, Frank Ramsak, Frank Wietek, Fu Lin Zhang, Fu Tao, Fumiyuki Tanemo, provide Félix Saltor, G. Färber, G. N. Paulley, G. Saake, Gagan Agrawal, Ganesh Ramesh, Ge Yu, Genoveva Vargas Solar, Georg Färber, George Becker, George Mihaila, George Pallis, Gerhard Skagestein, Ghassan Beydoun, Giorgio Ghelli, Giorgio Terracina, Giovanni Conforti, Giovanni Quattrone, Gisele Busichia, Giuseppe M. L. Sarné, Giuseppe Manco, Gösta Grahne, Gottfried Vossen, Guenther Specht, Guntram Flach, Guoren Wang, Gustavo Alonso, Guy Vaysseix, Gytis Karciauskas, H. Gunzel, H. Kim, H. Mackay, provide H. Yu, H.-Y. Wang, Hai-Xin Lu, Haifeng Yu, Haijin YU, Haiwei Ye, Hanady Abdulsalam, Hans-Jorg Schek, Hao Sheng, Hao Wang, Haofeng Zhou, Harald Kosch, HeeSam Kim, Heiko Schuldt, Heinz Schweppe, Helena Grazziotin-Ribeiro, Henrik Loeser, Henrike Berthold, Henrique Madeira, Hirofumi Amano, Hiroyuki Kitagawa, Holam Lau, Holger M. Kienle, Holger Schwarz, Hon Wai LEONG, Hong Ki Chu, Hong Va Leong, Hong-Cheu Liu, Hongjun Lu, Hoong Kee Ng, provide Hsiao-min Wu, Huang Yiqun, Hue-Yu Wang, Huei-Huang Chen, Huiyong Xiao, Hwee Hwa Pang, Hyoseop Shin, Hyoung-Joo Kim, Hyunchul Kang, I. Harrow, I. Ounis, I. Willers, IS Mumick, Iadh Ounis, Ian Foster, Ibrahim Kamel, Ilias Petrounias, Ilmério Silva, Imran Ahmad, In-golf Geist, Ioana Stanoi, Iraklis Varlamis, Irina Trubitsyna, Iryna Kozlova, Isabel F. Cruz, Isabel Italiano, Ivan Harrow, J-M Le Goff, J. Albrecht, J. Cimino, J. Gray, J. Kuha, J. S. Vitter, J. Samos, J. Sistac, J. Slonim, J. Sun, J. W. Rahayu, J. William Atwood, J. Wilson, J.-X. Chen, Jacek Plodzien, Jack Lukaszuk, Jae-Woo Chang, Jaehyung Lee, Jaime Carbonell, James Cimino, Jarek Gryz, Jarmo Ruuth, Jaroslav Pokorný, Jayaprakash Pisharath, Jean-François Boulicaut, Jean-Marc Petit, Jean-Pierre Sirot, Jeevani Samantha Goo-netillake, Jeffery Ullman, Jeffrey Xu Yu, Jennifer Widom, Jeonghee Yi, Jérôme Darmont, Jessie B Kennedy, Jetendr Shamasani, Jian Tang, Jian Zheng, Jian-Xun Chen, Jianchao Han, Jianguo Lu, Jianhua Lv, Jianlin Feng, Jianzhong Li, Jim Smith, Jin Chun, Jing Zhou, Jingmin He, Jingren Zhou, Jinxiang DONG, Jixue Liu, Joachim Biskup, Joachim Klein, Joachim Schwierer, Joao Eduardo Ferreira, Joao Pedro Costa, João Souza, Joerg Meier, Johann-Christoph Freytag, John Debenham, John Mylopoulos, John Tranier, Jon Hegglund, Joos Hendrik Böse, Jordi Nin, Jorge Bernardino, Jorge Loureiro, Jorgen Hansson, Jose-Luis Zechinelli-Martini, Josep Aguilar-Saborit, Josep-Lluís Larriba-Pey, Joseph H. Hanson, José Samos, Juan Rapposo, Jürgen Göres, Jörgen Hansson, Jun Hong, Jun Yang, Junfei Geng, Justo Hidalgo, Jyoti Pawar, K Barker, K V Ravi Kanth, K. Holtman, K. P. Lee, K. Rao, K. Schwarz, K. Torp, K.P. Lee, Kai-Uwe Sattler, Kamal Elbashir, Kamalakar Karalakar, Kamel Aouiche, Kamran Munir, Karin Becker, Karin Kailing, Karina Santos, Karl Aberer, Karsten Riis, Karsten Schmidt, Karthick Rajamani, Katja Hose, Kavita Hatwal, Kazimierz Subieta, Kazimierz Subieta, Ke Sheng, Keiichi Yamada, Keir B. Davis, Keith Billings, Kemal A. Delic, Ken Barker, Ken Lee, Ken'ichirou Kimura, Kenji Imasaki, Kenneth A. Ross, Kenneth J Mitchell, Kenneth Salem, Kenneth W. Ng, Kerttu Pollari-Malmi, Kesheng Wu, Kevin J. LÄij, Khaled El-Bassouni, Khaled Jababo, Khalid Belhajjame, Kimberly M. James, King Ip Lin, King-Ip Lin, Kiran Tangod, Kjetil N/orvåg, Klaus Meyer-Wegener, Klaus R. Dittrich, Koh Yen Kai, Kokou Yetongnon, Konstantinos Kalpakis, Konstantinos Stamos, Koteswara Kommeneni, Koustuv Dasgupta, Krishnamoorthy Srikumar, Kristian Torp, Kristian de Linde, Kristofer Vorwerk, Kun-Ta Wu, Kuo-Wei Ho, Kurt Rothermel, Kurt Stockinger, Kwok Yu, Kyu Woong Lee, L. G. Golendziner, L. Palopoli, L. Schlesinger, L. Vargo, Le Jia-jin, Ladjel Bellatreche, Lai Wei, Laurent BESSON, Laurent Douillet, Le Gruenwald, Le-Hung Vu, Leonard Shapiro, Li Lu, Lilian Harada, Limsoon Wong, Lin King Ip, Lina Al-Jadir, Linas Baltrunas, Linas Bukauskas, Ling Feng, Ling Wang, Lingyun Yang, Lionel Brunie, Liu Mengchi, Lixin Fu, Lorinquer Hervé, Lotfi Lakhall, Luo Yi-shu, Luciano Caroprese, Luciano Garcia-Banuelos, Luigi Pontieri, Luiz Fernando Bessa Seibel, Luping Ding, M. A. Noronha, M. A. Orgun, M. Birkhold, M. F. van Bommel, M. Montebello, M. Nakata, M. Pasca, M. Rahman, M. Simonet, M. Simonet, M. Wang, M. Winslett, M. Zsenei, Maciej Kiewra, Mads Nygard, Magdiel Galan, Maged El Sayed, Maguelonne Teisseire, Mahmut Kandemir, Maik Thiele, Maluf David, Mamoru Hoshi, Man Hon Wong, Manfred Hauswirth, Mangold Christoph, Manoj Garg, Manoj Misra, Manuel Álvarez, Manuel Palomar, Manuel Torres, Marcel Karnstedt, Marcos Sfair Sunye, Margaret H. Dunham, Maria Bagnato, Maria Kontaki, Maria del Pilar Villamil, Maria-Luiza Antonie, Marie-Christine Fauvet, Marie-Noëlle Terrasse, Marinette Savonet, Mario A. Nascimento, Mario Cannataro, Marius Pasca, Mark Anthony F. Mateo, Mark Levene, Mark Richters, Markos N. Dendrios, Markus Strässler, Martin Eiger, Martin Gogolla, Martin Kempa, Martin Schönhoff, Martin Zirkel, Mary Jane Willshire, Masao Mukaidono, Masaru Kitsuregawa, Matt Ward, Matteo Magnani, Matthew Montebello, Maxim Grinev, May-tham H. Safar, Md. Mahmudur Rahman, Mehdi Amirijoo, Mehmet A. Orgun, Mei Li, Melissa Lemos, Meng Gu, Mengchi Liu, Michael Boehlen, Michael Jaedicke, Michael Vrissas, Michael Nolen, Michael Olson, Michal Kráatý, Michalis Vazirgiannis, Michel Schneider, Michel Simonet, Mikael Berndtsson, Mike Nolen, Milena Gateva Koparanova, Millist W. Vincent, Min

- Chen, Min Ouyang, Min Wang, Ming-chun Liu, Mirella Moro, Mirella Moura Moro, Mirian Halfeld Ferrari, Mitsuru Nakata, Moginraj Mohandas, Mohamed F. Mokbel, Mohammad Ashrafuzzaman, Mohammed Zaki, Motomichi Toyama, Moustafa Hammad, Muhammad Javed, Mukesh Mohania, Mukesh Singhal, Munir Cochinwala, Murali Mani, Murali Thiyagarajah, Myoung Ho Kim, Myoung Kim, Myung-Joon Kim, Mirian Halfeld,
- N. Boye, N. Chen, N. J. Fiddian, N. Kotsis, Nadine Cullot, Nalini Venkatasubramanian, Nan Zhang, Nasser Yazdani, Nauman Chaudhry, Nectaria Tryfona, Neel Sundaresan, Neelima Gupta, Nematollaah Shiri, Ngai Lam HO, Nick Cerccone, Nico Günther, Nicolas Lumineau, Nicos Maleveris, Niels Boye, Nikos Dimokas, Nina Edelweiss, Nishant Metha, Nitin Agarwal, Nong Chen, Norbert Martínez-Bazen, Norbert Ritter, Norbert Weissenberg, Norbert Widmann, Norihide Shinagawa,
- O. Deyerling, O. Heller, Olga Reimer, Oliver Heller, Olivier Jautzy, Omar Boucelma, Oria Vincent, Orlando Belo, Osami Kagawa, Osmar R. Zaiane, Ouri Wolfson,
- P. Beynon-Davies, P. Bodorik, P. Felgaer, P. Krishna Reddy, P. R. Rao, P. Vilstrup, P. Woitschach, P. van der Stok, Pablo Felgaer, Panagiotis Chountas, Panagiotis Symeonidis, Paolo Manghi, Pasquale De Meo, Patrick Martin, Patrick O'Neil, Paul Benninghoff, Paul J. Fortier, Paul Kim, Paul Palumbo, Paul S. Min, Paul Watson, Paul Wu, Pavel Zezula, Pedersen Klaus Vilstrup, Pedro Furtado, Peter Baumann, Peter Becker, Peter Bloodsworth, Peter Bodorik, Peter Dearnley, Peter J Barclay, Peter Jaeschke, Peter Lockemann, Peter Pleshachkov, Peter Revesz, Peter Westerkamp, Philippe Marot, Philippe Rigaux, Piotr Habela, Prabir Bhattacharya, Priscila Barvick Guttoski, Przemyslaw Kazienko,
- Qi Su, Qing Zhang, Qingqing Yuan, Quamrul I. Khan, Quan Wang, Quang Trinh,
- R. Burger, R. Holton, R. Istepanian, R. J. Peters, R. McClatchey, R. Orlandic, R. T. Snodgrass, R. Tagg, Rahul Sison dia, Rahul V. Tikekar, Rajeev Kumar Mishra, Rajugan R., Rakesh Agrawal, Ralf Goeting, Ralf Hartmut Güting, Ralf Rantza, Ralf Wagner, Ralph Deters, Ramalingam Sridhar, Ranajoy Malakar, Raphael Volz, Ratko Orlandic, Ravi Chandra Jammalamadaka, Ray Indrakshi, Reda Alhaji, Renato O. Stehling, René Witte, Reynold Cheng, Ricardo Santos, Richard Fowler, Richard McClatchey, Richard R. Muntz, Richard Snodgrass, Rimantas Benetis, Robert Carter, Robert Fenk, Robert Istepanian, Roger Barga, Rogério Luís de Carvalho Costa, Rolly Intan, Ronnie Alves, Ross Burger, Ruben Gamboa, Rudi Studer, Rudolf Bayer, Rudolf K. Keller, Rui Chen, S. Amendolia, S. Bain, S. Hurley, S. K. Madria, S. Kuo,
- S. N. Shekdrake, S. Sudarshan, S. Tan, Sachin Kulkarni, Saikat Mukherjee, Salvator Roberto Amendolia, Sandra de Amo, Sang H. Son, Sang Son, Sang-Yong Han, Sanguthevar Rajasekara, Sattler Kai-Uwe, Schneider Michel, Sebastian Obermeier, Seog Park, Seokhyun Son, Seon Kim, Serge Abiteboul, Sergio Flesca, Sergio Greco, Sergio Lifschitz, Sergio Luján-Mora, Seung-Jin Lim, SeungJin Lim, Seungkyoon Woo, Shamik Sural, Sharad Mehrotra, Sheau-Dong Lang, Shibashis Guha, Shiow-yang Wu, Shiro Udoguchi, Shuichi Osaki, Shuigeng Zhou, Shyam Gupta, Silvana Castano, Silvia Maria Saggiolato, Simonas Saltenis, Sirish Chandrasekaran, Siu Fung Wong, Slobodanka Djordjevic-Kajan, Solomon Atnafu, Song Wang, Sonia Guehis, Sotiris Brakatsoulas, Spyridon Gardikiotis, Spyros Gardikiotis, Srinath Srinivasa, Srinidhi Kannappady, Srinivas Mangalwede,
- Sriram Padmanabhan, Stanley R. M. Oliveira, Steen Gundersborg, Stefan Böttcher, Stefan Conrad, Stefan Dieker, Stefan Schoenauer, Steffen Ulsó Knudsen, Stelios Papparizos, Stella Budrean, Stephan Zimmermann, Steve Bain, Stéphane Lopes, Sudarshan Chawathe, Sudhir P. Mudur, Sudsangan Ngamsuriyaroj, Sushil Jajodia, Sylvanus A. Ehikioya,
- T. H. Merrett, T. Hadzilacos, T. Hochin, T. Luukkanen, T. Noseworthy, T. S. Dillon, T. Solomonides, T. Tsuji, T. V. Prabhakar, T. Wang, T. Wendt, T. Y. Lin, T. Y. Lin, T.-H. Cheng, Tadashi Iijima, Tadashi Ohmori, Tai Xin, Tamas Hauer, Tamra Carpenter, Tao Guan, Tao Wang, Tatsuo Tsuji, Tengjiao Wang, Teruhisa Hochin, Tharam S. Dillon, Themistoklis Konstantinou, Theo Harder, Theodore Dalamagas, Thomas Bailey, Thomas F. Keefe, Thomas Kahabka, Thomas Ruf, Thomas Wendt, Thomas Wycisk, Thorsten Steenweg, Timothy Sutherland, Toben Bach Pedersen, Tobias Farrell, Todd Eavis, Tok Wang Ling, Tom Carnduff, Tom Noseworthy, Tongyuan Wang, Tony Solomonides, Tooru Kawashima, Torben Bach Pedersen, Tore Risch, Tsang-Hsiang Cheng, Tuyet-Trinh Vu, Tyler Neylon,
- U. M. Borghoff, U. Mueller, Udai Shanker, Ulrich Guentzer, Ulrike Mueller, Umakant Kulkarni, Umeshwar Dayal, Ute Masermann, Uwe Hohenstein,
- V. A. J. Maller, V. Kamp, V. Phan Luong, V. Sundar, V. Wietrzyk, Valeria De Antonellis, Vassilis J. Tsotras, Vassilis Kodogiannis, Vasudha Bhatnagar, Vera Kamp, Vibha Lakshminanth, Victor C. S. LEE, Victor Muntés-Mulero, Victor de Almeida, Vijaya Srikanti, Vikram Goyal, Vincent Oria, Vlad S. Wietrzyk, Václav Snásel, Volker Linnemann, Volker Markl,
- W. A. Gray, W. Hummer, W. Lehner, W. Lehner, W. Lelatanavit, W. P. Cockshott, W. Rahayu, W. W. Kwong, W. Z. Mao, Wai Man Szeto, Walid G. Aref, Wang-Chien Lee, Wei Wang, Wei-keng Liao, Weidong Yu, Weiping Zhang, Weiru Liu, Wen-Lin Hsu, Wen-jann Yang, Wendy Powley, Wenjun Sun, Wenny Rahayu, Wilfred Ng, William Cheung, William I. Grosky, William Maniatty, William Wei Song, Wisut Sae-Tung, Wolf Siberski, Wolf-Tilo Balke, Wolfgang Lehner, Wolfgang Lindner, Wolfgang May, Wooseok Jun,
- X. Urtubey, X. Zhu, Xavier Urtubey, Xiangdong An, Xiao WU, Xiaochun Yang, Xiaodi Huang, Xiaogang Li, Xiaohua (Tony) Hu, Xiaohui Shen, Xiaojian Zhao, Xiaojing Li, Xin Jin, Xin Zhang, Xingbo Yu, Xintao Wu, Xinxin Zhu, Xueli Li, Xuemin Lin, Xuemin Xing, Xuequn Wu,
- Y-K. Ng, Y. Cho, Y. Kambayashi, Y. Xu, Y. Zou, Y.-C. Li, Yacine Sam, Yahiko Kambayashi, Yali Zhu, Yang Ying, Yanhong Li, Yannis Manolopoulos, Yanqiu Zhang, Yaowadee Temtanapat, Yehia TAHER, Yelena Yesha, Yeon-Jung Kim, Yi Chen, Yi Hu, Yiming Li, Ying Chen, Ying Zou, Yitong Wang, Yiu-Kai Ng, Yiu-Kai Ng, Yon Dohn Chung, Yongge Wang, Yoom Joon Lee, Yoshiharu Ishikawa, Yoshihiro Umemoto, YoungSung Kim, Yu Zhang, Yuanling Zhu, Yubo Fan, Yubo Lou, Yucai Feng, Yueping Lu, Yuliang Zheng, Yunfeng Liu, Yuping Yang, Yuuichi Teranishi,
- Z. Kovacs, Z. Peng, Z. Tari, Zakaria Maamar, Zhaohui Wu, Zhengchuan Xu, Zhenglu Yang, Zhengwei Gu, Zhimao Guo, Zhining Liao, Zhixiang Chen, Zhu Qin, Zhu Xueyong, Zografoula Vagena, Zohra Bel-lahsene, Zoran Majkic, Zoran Stojanovic

6 THE REVIEW PROCESS

When we started IDEAS, the submission process was based on hard copy and required the authors to send four copies of their paper by mail. Most of the time, the authors ended up using courier service to make the deadlines. In the early years, due to the cost and time involved in mailing, the number of reviewers per paper was three and the average reviews per paper was just higher than two. There was the occasional paper which had only one review which meant that the program chairs had to find a colleague to quickly evaluate the paper, sometimes in just days. Note: IDEAS allows all members of the program committee to participate in submitting papers as authors or co:authors.³

As the Internet grew and better Web based technology emerged, we started developing ConfSys, our home grown conference management system.

With ConfSys, we were able to move almost all the functions of managing the administrative tasks on the web. This also made it possible for us to increase the number of reviews per paper from 3 to 4. Currently, each paper is sent to four reviewers and the average number of reviews per paper is over 3.5.

Table 1 gives the percent of papers accepted over the pre-teen years for IDEAS with the number of reviews per paper. One notes that we tend to get more submissions when the meeting is held in a larger city and hence the lower acceptance rate!

7 IMPACT OF IDEAS

There are a number of sites which rank, using some sort of black magic, the various conferences in Computer Science and Software Engineering. Some of these sites are mirrors and to the best of my knowledge, they are rarely if ever updated. These sites suggest that if one does not agree with their ratings, one can ignore them. However, the problem is that some research funding organizations and most management encourage the use of such sites.

Another measure used by these funding agencies and university administrators to “rank” a publication and its “impact” is the number of its citations. However the use of such measures for ranking authors and papers as well as conferences and journals is considered to be highly questionable. These citation numbers are flawed due to myriads of factors; the biggest ones being the time span and the reach of the citing engine. Many citations are secondary and this distinction is not evident in the count. As a reviewer of papers and thesis, I have come up with what I call after-the-fact-citations. Such practice means that citation count error rate is fairly high and there is a stampede effect due to the fact that some authors may include “more” prestigious citations to raise the “publication-ability” of their papers. The very acceptance of these imperfect numbers has also led to what I sense a trend in the “marketing” of articles by the authors and journals by publishers to increase the citation count! I also see that the market for citation increase merchant as a growth area.

³IDEAS allows program committee to submit papers. Since the program chairs are sometimes required to review papers they are part of the program committee and hence could be a co-author of a submitted paper. When a program co:chair is involved as co:author in a submitted paper, the review process for that paper becomes manual and is headed by the other Program co:chair. The decision for such paper is entrusted to this co:chair.

Another problem is the evident incompleteness of these systems. A case in point is DBLife. I visited the site in July 2008 and found it to be a work in progress which should not have been available to the community. The site claims that it is in Alpha stage, with very little functionality; no feature for correcting errors and no disclaimer that it is incomplete and unreliable! What is disturbing is that this site is already used by some referees to evaluate candidates and their work!

Measures such as impact factors are not infallible measures of the quality of a paper, conference or journal. The number of citations to a paper published in a conference does not necessarily measure the conference’s “quality” since the factor of the number of such meetings in a given domain is being overlooked. Counting the frequency of citations of a paper while disregarding where the citation is made renders the number of citations a measure of popularity at best.

Recently, a parliamentary committee in the U.K. stressed that in evaluation of an academic article, the evaluator is obliged to assess the quality of the content of individual articles, not the reputation of the forum in which it is published. Unfortunately, an indolent evaluator, may be content to key in a few words in one of the search engines or impact factor sites and make a judgment. Funding research organizations, wanting to placate elected officials use the impact factor as a measure of the success of their grants.

In addition, the citation count does not take into account the actual usage of an article by people who have no reason to make a citation. Thus impact factor has completely ignored the reason we write: that someone is going to read our writing and gain some insight from it. It is for that reason that a system such as CINDI⁴ [2] does not measure citation but the number of downloads of documents in its collection.

IDEAS over its pre-teen years has served many members of the global DB community. Thousands of authors have submitted their work for evaluation; even though we accepted only a fraction of these, the feedback given to authors would be valuable. IDEAS continues to have the most stringent review process: no other conference submits each paper to four reviewers!

8 CONCLUSIONS

Establishing a new series of conferences was not easy; nor has it been easy to continue. One of the reasons IDEAS was set up was to allow new researchers who are not recognized by “prestigious” conferences a chance. We have strived to find quality while trying to keep afloat. I think we have succeeded so far and attracted not only excellent papers but also some of the top names as invited speakers to our annual events.

9 ACKNOWLEDGMENTS

In addition to the people who served as program co:chairs and on the program committees, I would like to thank the many organizations which provided support to IDEAS over the years. Notable among them are: ACM, BytePress, Cardiff University, Concordia University, CRIM, Delhi University, HKSTU, IBM, IEEE, IIT(Delhi), ISEC, Kiao University, Ministry of Health(PRC), Muenster University, ShenZhen Center of Medical Information, Univ. of Alberta,

⁴ CINDI is a work in progress and the results are not necessarily reliable or complete.

Table 1: IDEAS Review process and acceptance rate

YEAR	Location	Avg. Number of Reviews/Paper	Percent of full papers accepted
IDEAS1997[3]	Montreal	2.1	39
IDEAS1998[4]	Cardiff	2.2	35
IDEAS1999[5]	Montreal	2.5	37
IDEAS2000[6]	Yokohama	2.7	40
IDEAS2001[7]	Grenoble	2.6	34
IDEAS2002[8]	Edmonton	2.5	49
IDEAS2003[9]	Hong Kong	3.1	27
IDEAS2004[10]	Coimbra	3.5	25
IDEAS2004DH[11]	Beijing	2.2	24
IDEAS2005[12]	Montreal	3.5	20
IDEAS2006[13]	Delhi	3.5	16
IDEAS2007[14]	Banff	3.7	35
IDEAS2008[15]	Coimbra	3.7	25
Overall		2.7	28

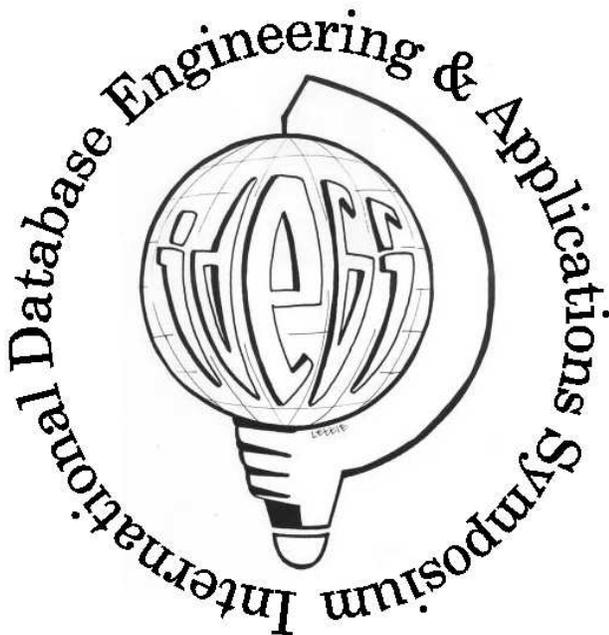


Figure 2: A sample black and white graphic.

Univ. of Calgary, University of Grenoble, and others which I may not have mentioned due to an imperfect memory and incomplete record keeping.

REFERENCES

[1] *ConfSys: Conference Management System* <http://confsys.org>
 [2] *CINDI* <http://cindi.concordia.ca>
 [3] (Eds.) Bipin C. Desai, Barry Eaglestone. *Proceedings of the 1997 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-8186-8114-4, Montreal, Canada, August 25-27, 1997.

[4] (Eds.) Barry Eaglestone, Bipin C. Desai, Jianhua Shao. *Proceedings of the 1998 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-8186-8307-4, Cardiff, Wales, U.K, Junly 8-10, 1998.
 [5] (Eds.) Bipin C. Desai, Gosta Grahne. *1999 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-0265-2, Montreal, Canada, August 2-4, 1999.
 [6] (Eds.) Bipin C. Desai, Yasushi Kiyoki, Motomichi Toyoma. *Proceedings of the 2000 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-0789-1, Yokohoma, Japan, September 18-20, 2000.
 [7] (Eds.) Michel E. Adiba, Christine Collet, Bipin C. Desai. *Proceedings of the 2001 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-1140-6, Grenoble, France, July 16-18, 2001.
 [8] (Eds.) Mario A. Nascimento, M. Tamer Ozsu, Osmar R. Zaiane. *Proceedings of the 2002 International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-1638-6, Edmonton, Canada, July 17-19, 2002.
 [9] (Eds.) Bipin C. Desai, Wilfred Ng. *7th International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-1981-4, Homg Kong SAR, July 16-18, 2003. IDEAS2008:I08
 [10] (Eds.) Bipin C. Desai, Jorge Bernadino. *8th International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-2168-1, Coimbra, Portugal, July 7-9, 2004.
 [11] (Eds.) Bipin C. Desai, Keqin Rao, Baoluo Li, Fulin Zhang. *Proceedings of the IDEAS Workshop on Medical Information Systems: The Digital Hospital*. IEEE, Beijing, China, 2004.
 [12] (Eds.) Bipin C. Desai, Gottfried Vossen. *Proceedings of the Ninth International Database Engineering & Applications Symposiums*. IEEE, ISBN 0-7695-2404-4, Montreal, Canada, July 25-27, 2005.
 [13] (Eds.) Bipin C. Desai, S. K. Gupta. *Proceedings of Tenth International Database Engineering & Applications Symposiums*. IEEE, Delhi, INDIA, December 11-14, 2006.
 [14] (Eds.) Bipin C. Desai, Ken Barker. *Eleventh International Database Engineering & Applications Symposiums*. IEEE, Banff, Canda, September 6-8, 2007.
 [15] (Eds.) Bipin C. Desai. *IDEAS08 Proceedings*. ACM, Coimbra, Portugal, September 10-12, 2008.