## Curriculum Vitae- Bebo White (Howard V. White, Jr.)

Bebo White is a **Departmental Associate (Emeritus)** at the **SLAC National Accelerator Laboratory (http://www.slac.stanford.edu/)**, the high-energy physics and basic energy science laboratory operated by **Stanford University**. Prior to emeritus status, he was permanent staff/faculty at SLAC from 1981 to 2005.

While his initial responsibilities at SLAC were in computational physics, in recent years Bebo's work has been dominated by his involvement with **World Wide Web** technology. He first became involved with WWW development while on sabbatical at **CERN (http://www.cern.ch/)** in 1989 and was instrumental in establishing the first non-European (or fifth globally) Web site at SLAC in 1991.

Current activities include:

- Professor, Fromm Institute For Lifelong Learning at the University of San Francisco **(http://fromm.usfca.edu)**
- Managing Editor, *Journal of Web Engineering* **(http://www.rintonpress.com/journals/jwe/)**
- Steering Committee, **International Society for Web Engineering (http://www.iswe-ev.de/)**
- ACM Distinguished Speaker (**http://dsp.acm.org/**)
- Local Co-Chair, 2019 International World Wide Web Conference (TWC2019), San Francisco CA USA
- Member, **The International Academy of Digital Arts and Sciences (http://www.iadas.net/)**
- Editorial Review Board, *Journal of Computers in Mathematics and Science Teaching* **(http://go.editlib.org/c/JCMST/)**
- Advisory Board, **Web History Center (http://webhistory.org/)**
- Visiting Professor, Department of Computer Science MSc(CS), **University of Hong Kong (http://www.cs.hku.hk/msc/programme/curriculum.html#CourseDescriptions)**
  - **COMP7505** – User Interface Design
- Senior Researcher, SLAC IEPM/PingER Project (https://confluence.slac.stanford.edu/display/IEPM/PingER)
- International Advisory Panel, Faculty of Computer Science and Information Technology, **Universiti Malaysia Sarawak (http://www.unimas.my/)**
- Scientific Advisory Board**, International Association for Development of the Information Society (http://www.iadisportal.org/advisoryboard)**

Past relevant activities include:

- Visiting Professor, Department of Computer Science MSc(ECom & IComp), **University of Hong Kong (http://www.cs.hku.hk/msc/programme/ecom_icomp_modules.html)**
  - **ICOM6034** – Website engineering
  - **ICOM6045** – Fundamentals of e-commerce security
  - **ECOM6013** – E-commerce technologies
- Member, **International World Wide Web Conferences Steering Committee (IW3C2) (http://www.iw3c2.org/)** (1997-2016)
- Member, **ACM Web Science Conferences Steering Committee**, **(http://webscience.org/category/acm-websci/)** (2008-2012)
- Member**, Web Science Trust (http://www.webscience.org/faq/bebo-white/)** (2010-2015)
- Adjunct Professor, MS Information Systems, School of Management – Analytics and Technology,**University of San Francisco (http://www.usfca.edu/)** (2000-2012)

**Research Interests:**

- Cryptocurrencies
- Blockchain Technology and Applications
- Human-Computer Interaction/User Interface Design
- Semantic Web Technologies
- Computational Physics
- Web Engineering
- E-Commerce Technologies
- Web and Internet Security
- Social Media and Learning Environments
- Interactive Science Technologies

**Selected Recent Publications (2014-2018):**

- *Socio-economic Development Indices and Their Reflection on Internet Performance in the ASEAN Countries* (2018), with Habbal et.al. (under review)
- *Clustering Analysis of PingER Network Data for Vardha Cyclone,* with Sabitha et. al., Proceedings of Confluence 2018
- *Storages Are Not Forever* (2017), with Cambria et.al., Cognitive Computation (https://link.springer.com/article/10.1007/s12559-017-9482-4)
- *Implementation of PingER on Android* (2017), with Sampson et.al., IEEE Explore (http://ieeexplore.ieee.org/document/7943167/)
- *Internet Performance and its Implication on Development Indices in ASEAN Countries*, (2016), with Cottrell et. al., SLACPUB
- *Applying Big Data Warehousing and Visualization Techniques on PingER Data* (2016)*,* with Hameed et.al., 2016 IEEE/ACM 3rd International Conference on Big Data Computing, Applications and Technologies
- *BIND: An Indexing Strategy for Big Data Processing*, (2016), with Habbal et.al., SLACPUB
- *A Survey on Big Data Indexing Strategies*, presentation at NETAPPS2015, December 2015, with Adama et.al.
- *Discovering the Future of the Web* (2015), Journal of Computing and Information Technology, doi:10.2498/cit. 1002516
- *The Web @25 and Beyond,* Computing Now, IEEE Computer Society, July 2014
- *Jumping NLP curves: A review of natural language processing research*, IEEE Computational Intelligence Magazine 9(2), pp. 48-57 (2014), with Erik Cambria
- *Linked Open Data Publication Strategies: Application in Network Performance Measurement Data,* (2014), with Cottrell et.al. (http://www.slac.stanford.edu/pubs/slacpubs/15750/slac-pub-15950.pdf)

**Books:**

- *Social Media Tools and Platforms in Learning Environments: Present and Future* (editor), Springer, 2011
- *An Educational Guide to IEEE802.11 WLAN Survey and Visualization Experiments*, Pearson Prentice-Hall, 2008
- *Web 2.0* (contributor), Vito Di Bari, 2007
- *Designing Web Interfaces, Hypertext, and Multimedia*, Prentice-Hall, 2001
- *Supporting Web Servers*, Prentice-Hall, 2001
- *E-Commerce and Internet Law*, Prentice-Hall, 2001
- *The World Wide Web and High-Energy Physics*, Physics Today, November 1998
- *HTML and the Art of Authoring for the World Wide Web*, Kluwer Academic Publishers, 1996
- *Annual Review of Nuclear and Particle Science* (contributor), Annual Reviews, 1997
- *Programming Techniques for Software Development*, Van Nostrand Reinhold, 1989

**Recent Interesting Citations:**

- *Is the Universe a Hologram?* (https://mitpress.mit.edu/books/universe-hologram), MIT Press, 2017 – one of the interviewed scientists
- *Physics Today*, January 2017, (http://physicstoday.scitation.org/doi/full/10.1063/PT.3.3410)
- *Bebo White Talks High-Energy Physics and History's Greatest Computer* (https://appstorey.com/2017/08/09/bebo-white-talks-high-energy-physicists-and-historys-greatest-computer/), AppStorey, 2017
- *Interview with Bebo White,* ACM SigWeb Newsletter, Spring 2014 (https://dl.acm.org/citation.cfm?id=2591455)

**Awards and Honors:**

- Doctor Honoris Causa, Slovak University of Technology, Bratislava Slovakia, April 2018
- Honorary Professor, School of Engineering and Technology, Amity University, Noida India (http://www.amity.edu/aset/honary-professor.asp), 2015
- Web Science Champion, Web Science Trust, University of Southampton, Southampton UK (http://www.webscience.org/wst-board-of-trustees/), 2012
- WWW Pioneer Award, Open Web Camp III/Stanford University, 2011
- Wolfgang Kempelen Medal, Slovak University of Technology, Bratislava Slovakia, 2010
- Distinguished Award for Web Engineering, National University of Sciences and Technology (NIIT), Islamabad Pakistan, 2006

**Presentations:**

Bebo has lectured and spoken internationally to academic and commercial audiences. A selection of recent (2013-2018) presentations include:

- Confluence 2018, January 2018, Noida India, **http://www.amity.edu/aset/confluence2018/speakers.html**
- JBoye Conference, November 2017, Aarhus Denmark, **https://jboye.com/conference/speakers/bebo-white/**
- University of North Carolina, September 2016, Chapel Hill NC, **http://global.unc.edu/event/lecture-by-bebo-white/**
- Duke University, September 2016, Durham NC, **http://www.cs.duke.edu/events/?id=00000002076**

- University of Southampton, September 2015, Southampton England, **http://www.edshare.soton.ac.uk/14885/ https://www.youtube.com/watch?v=hmIkdGiZV_Q**
- International Conference on IT in Asia, August 2015, Kuching Borneo Malaysia, **http://www.cita.my/cita2015/**
- UK Parliament – Invited Speaker, June 2015, London England, **https://pds.blog.parliament.uk/2015/09/21/digital-exploration-the-journey-so-far/**
- York Festival of Ideas, June 2015, York England, **http://yorkfestivalofideas.com/2015/talks/the-future-of-cyber-security/**
- Amity University, March 2015, Noida India**, http://aasc.acm.org/events-dsp-16_March_2015.html**
- National University of Science and Technology, March 2015, Islamabad Pakistan**, http://seecs.nust.edu.pk/About/Seminars-Workshops/pages/Bebo-White/**
- University College London, March 2014, London England, **http://www.cs.ucl.ac.uk/event_details/?eventnum=966**
- University of North Carolina, October 2013, Chapel Hill NC USA, **http://sils.unc.edu/events/2013/bebo-white**
- ECOM-ICOM Expert Address Series, October 2013, Hong Kong China, **http://www.ecom-icom.hku.hk/seminar/past2013.asp#White**
- Philippine Youth Congress on IT 2013, September 2013, Manila Philippines, **http://y4it.org/speaker.html**
- International Conference on Hybrid Learning, August 2013, Toronto Canada, **http://learn.utoronto.ca/ichl2013/programme**

A complete list of publications and presentations is available upon request. Copies of most presentations are also available.

**Conference Involvement:**

Bebo has been particularly involved with six major international conference series:

- The International World Wide Web Conference **(http://www.iw3c2.org/)**
- The International Conference on Web Engineering **(http://www.iswe-ev.de/)**
- The ACM Web Science Conference **(http://webscience.org/category/acm-websci/)**
- The International Conference on ICT in Teaching and Learning **(http://www.ict2008.ouhk.edu.hk/)**
- The International Conference on Hybrid Learning **(http://hkuspace.hku.hk/ichl2010/)**

The level of involvement has ranged, on various instances, from general conference chair, program chair, program committee, tutorials and workshop chair, poster chair,

awards chair, keynote speaker, and paper presenter. Full details are available upon request.

In addition, Bebo is a frequent member of the technical program committee of these conferences and numerous others.

**Education:**

- BS Physics, University of North Carolina, Chapel Hill NC **(http://www.unc.edu/)** (1967)
- MS Physics, San Jose State University, San Jose CA **(http://www.sjsu.edu/)** (1972)

**Personal**:

Bebo is married, has two adult sons, two grandsons, and lives in San Francisco California USA. His wife, **Dr. Nancy Cushen White**, is a learning specialist and **Clinical Professor of Adolescent Medicine** at the **University of California, San Francisco (UCSF)**. In his spare time, Bebo enjoys beekeeping, winetasting, genealogy, and playing banjo, jug and washboard in The Sada Springs Jug Band **(http://www.sadaspringsjugband.com/)** and The Loose Licks Jug Band**.** He is also a volunteer at The Internet Archive **(https://archive.org)**, a member of The Rotary Club of San Francisco (http://sfrotary.com), Ordre des Compagnons du Beaujolais **(https://www.compagnons-du-beaujolais.com),** Confrerie de Tokaj **(https://tokajiborlovagrend.hu/en/)** and  E Clampus Vitus **(https://en.wikipedia.org/wiki/E_Clampus_Vitus).**

**Contact Information:**

**Business:**

SLAC National Accelerator Laboratory

2575 Sand Hill Road

MailStop 88

Menlo Park, California 94305

USA

**Personal:**

799 Clayton Street

San Francisco, California 94117

USA

Telephone: +1 415-806-0159 (mobile)

Fax: +1 415-753-0701

**E-Mail**: bebo@slac.stanford.edu

    bebo.white@gmail.com

**URL:** http://www.bebowhite.com

**Facebook:** http://facebook.com/bebo.white

**LinkedIn**: https://www.linkedin.com/in/bebo-white-763604/