

## **Tomas Hirschfeld Award 2010**



**Tomas Hirschfeld** (Reproduced by permission of the Society of Applied Spectroscopy)

The Hirschfeld is the most prestigious award in the field of near infrared spectroscopy. It was inaugurated by the Technicon Corporation to mark their gratitude for the many contributions to NIR analysis made by the late Tomas Hirschfeld.

Tomas Beno Hirschfeld was born in Uruguay in 1939 and died on April 24, 1986. In 1967, he earned a Ph.D. at the National University of Uruguay, and subsequently worked for Block Engineering in the U.S. for several years before moving to Lawrence Livermore Labs in the early 1980s. During this time, he made substantial contributions to many analytical technologies, including NIR spectroscopy, NIR-FT-Raman spectroscopy, Attenuated Total Reflectance (ATR) and Process Analytical Chemistry. In 1996, his native Uruguay honored him with a specially issued postage stamp (link: [http://th.physik.uni-frankfurt.de/~jr/gif/stamps/stamp\\_hirschfeld.jpg](http://th.physik.uni-frankfurt.de/~jr/gif/stamps/stamp_hirschfeld.jpg)) .

After the Bran+Luebbe Company took over Technicon in the late 1980's, they continued to sponsor the Hirschfeld Award each year until 2003. Since 1992, the task of inviting nominations and selecting the annual winner has been performed by the Chairman's Advisory Committee of ICNIRS. The Chairman-Elect of ICNIRS is responsible for organizing this process.

The Hirschfeld Award is presented each year, with the winner receiving a monetary prize, a plaque and travel expenses to attend the NIR conference taking place that year. The winner is also expected to make a keynote presentation at the conference.

### **NIR Solutions by Büchi sponsors Hirschfeld Award**

After the withdrawal of Bran+Luebbe from the NIR business, NIR Solutions by Büchi (link: <http://www.buchi.com/>) agreed to sponsor the Tomas Hirschfeld Award! The first Büchi-sponsored Hirschfeld Award was presented at PITTCON in 2004. Büchi has a significant commercial presence in the area of NIR instrumentation and in recent years, the Büchi

Young Scientist's NIR Award has been made annually for outstanding contributions to NIR spectroscopy published by a young researcher. The additional sponsorship of the Hirschfeld Award gives Büchi a major presence in the recognition of NIR advances and underscores their commitment to the development of this technology.

### **Nomination Information:**

Nominations are now being invited by ICNIRS for the 2010 Tomas Hirschfeld Award (link: [http://www.icnirs.org/img/news/news\\_Tomas\\_Hirschfeld\\_Award\\_2010.pdf](http://www.icnirs.org/img/news/news_Tomas_Hirschfeld_Award_2010.pdf)). This award, sponsored by BÜCHI Labortechnik AG (CH) (link: <http://www.buchi.com/Tomas-Hirschfeld-Award.634.0.html>) is made in recognition of contributions to the enhancement of near infrared spectroscopy. It is made on the basis of excellence in research conducted by a scientist of international standing.

The award will be presented at the 15th IDRC, International Diffuse Reflectance Conference, 31 July – 6 August 2010. The award is open to all practicing NIR scientists who are not direct employees of any NIR or other optical instrument manufacturers.

The final nomination package must include:

- 1. a letter of nomination;**
2. a one page summary of contributions to the enhancement of NIR spectroscopy, to be written by the **nominator**, with all further requirements will be requested from the nominated individual,
3. four of the nominee's most relevant literature or patent citations,
4. a short bibliographic note of the nominee, with a recent photograph.

At this time, only item 1 above is required. However, note that all nominations must have the agreement of the nominated person. Also, all supporting letters, faxes or emails must be sent to the Chairman-Elect Pierre Dardenne by **no later than 31 December 2009**.

Contact details are as follows:

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### **Previous Winners of the Tomas Hirschfeld Award**

- 2009 Dr. Sumio Kawano, Japan
- 2008 Prof. Veronique Bellon-Maurel, France
- 2007 Dr Gerard Downey, Ireland
- 2006 Prof. Roumiana Tsenkova, Japan
- 2005 Prof. Ana Garrido-Varo, Spain
- 2004 Dr. Graeme Batten, Australia
- 2003 Woody Barton, USA
- 2002 Pierre Dardenne, Belgium
- 2001 Tom Fearn, UK
- 2000 Heinz Siesler, Germany
- 1999 Ian Murray, UK
- 1998 Yukihiro Ozaki, Japan
- 1997 Tomas Isaksson and Tormod Naes, Norway
- 1996 Harvey Gold, USA
- 1995 Matsuo Iwamoto, Japan
- 1994 Fred McClure, USA
- 1993 Brian Osborne, UK
- 1992 Bob Windham, USA
- 1991 Arnold Eilert, USA
- 1990 Charles Miller, USA