

**Jan F.M. Van Impe**, *KU Leuven, Belgium*



**Jan F.M. Van Impe** (1965) obtained a master's degree in electrical and mechanical engineering from the University of Gent in 1988, and a doctorate in applied sciences from the KU Leuven in 1993. Immediately thereafter he founded the BioTeC (Chemical and Biochemical Process Technology and Control) research group; currently he is a full professor at the Department of Chemical Engineering. In the period 2005-2011 he has served as Departmental Head, while during the period 2006-2015 he was a visiting professor at the UAntwerpen. **Research initiatives**

Jan Van Impe is a founding partner of the *KU Leuven Center-of-Excellence OPTEC* (Optimization in Engineering) in 2005, and at present he is coordinating OPTEC's continuation (Phase II: 2010-2017). Full details: <http://kuleuven.be/optec>

In 2008 Jan Van Impe started the *Flemish Cluster for Predictive Modeling in Foods – CPMF2* [KU Leuven/BioTeC & UGent/LFMFP], to facilitate the transfer of the broad expertise in the area of predictive microbiology to industry/government. Full details: <http://cpmf2.be>

During the period 2009-2014, he held the *essenscia-chair*, funded by the Belgian Chemical and Life Sciences Industry platform, dedicated to *safety control* and *optimization* (via research, education and services) for the (bio)chemical industry. Full details: <http://scores4chem.be>

Since 2010, BioTeC's research in the domain of advanced optimization of wastewater treatment plants is being validated via the KU Leuven Industrial Research Fund Platform *Optimization of Advanced Oxidation Processes*. Full details: <http://aoptimise.be>

## **Publications**

Jan Van Impe has (co-)authored more than 600 full papers in *international journals* (over 230) and *international conference proceedings* (over 360), and edited 9 books in these areas. His work has been cited over 5.000 times (h-index 37). Over the period 1998-2015 he (co)supervised over 50 PhD theses. Full

details: <http://cit.kuleuven.be/biotec.htm> and <https://lirias.kuleuven.be/cv?u=U0013377>

### **Awards**

In 1995 Jan Van Impe received the Barco Award of the (Belgian) Fund for Scientific Research, in 1996 he was laureate of the Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België (Royal Academy), and in 1997 he was awarded the KIWANIS prize of the KU Leuven Research Council. He has (co-)authored several Best Papers/Best Posters/Best Presentations at international conferences.

### **International representation**

Jan Van Impe is a member of several councils, e.g., *Conseil Scientifique agroParisTech* (2008-2012), *EUCA European Union Control Association* (2002-2008), *International Federation of Automatic Control Technical Committee on Control of Biotechnological Processes*. He has been chairman of the international program committee in several conferences, e.g., the *3rd, 4th, 5th and 8th International Conference on Predictive Modeling in Foods* (2000, 2003, 2007, 2013) and the *9th International Conference on Computer Applications in Biotechnology CAB9* (2004), as well as member of the international program or organizing committee at several other conferences. In addition, he has been an invited/keynote speaker at more than 30 conferences. Jan Van Impe serves as a member of the Editorial Board of several International Journals, and was Guest Editor of, among others, Special Issues of the *International Journal of Food Microbiology*.