



# International Medical Informatics Association: Nursing Informatics Special Interest Group

WEB PAGE: <https://imiamedinfo.org/wp/sig-ni-nursing-informatics/>

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## Executive Committee (2021-2024)

Chair Ann-Kristin Rotegaard

Vice-Chair (Membership) Joy Lee

Vice-Chair (Admin & Finance) Margie Kennedy

Vice-Chair (Communication) Michelle Honey

Vice-Chair (Working Groups) Nick Hardiker

## Highlights of the ACENDIO Conference in Rome March 2023 “Nursing-generated data: Predictive analytics and eHealth strategies”

The latest ACENDIO conference, which took place at the Saint Camillus International University in Rome saw the participation of nurses from 17 different countries. Two keynotes focused on artificial intelligence applications for nursing (Dr Lisiane Pruinelli) and nursing care documentation using standardized nursing classifications data as a measure of nursing complexity and as a prognostic factor (Dr Gianfranco Sanson). Another highlight showed the connections of the Advanced Nursing Process with nursing caring theories demonstrated how caring science and Standardized Nursing Languages (SNLs) are linked to make this aspect of nursing care more visible, support caring, decision-making, and documentation to enhance nursing-sensitive patient outcomes. Semantic interoperability of data for linking each data element to a controlled, shared vocabulary; In parallel sessions, several studies were presented on their use in different clinical settings and countries. Finally, in a roundtable on ‘*Babel nursing languages? Interoperability: How to harmonize implementation, research, and education?*’ an overview of the FINCC, ICNP, NANDA-I, NOC, NIC, and the Omaha System was given by experts. The panellists promoted interoperability as a common goal.

## CONGRATULATIONS Kaija Saranto and Marion Ball



Congratulations to Kaija Saranto, from Finland, who was elected the first honorary member of the European Federation for Medical Informatics (EFMI) at the Medical Informatics Europe (MIE) conference just held in Gothenburg. Photo (left) shows from left to right: Inge Madsen, Kaija Saranto and Ann Kristen Rotegaard

Congratulations also to Marion Ball, EdD, FLHIMSS, FCHIME, FAAN, FACMI, who will be the 2023 recipient of the John P. Glaser Health Informatics Society Award. This award recognizes innovators in informatics and fosters



education, collaboration, and networking opportunities for health informatics professionals, clinicians, and students.

**Congratulations to you both from all the IMIA NI community!**

## WHAT IS IMIA NI?

IMIA NI is the world body for health and biomedical informatics. The focus of IMIA-NI is to foster collaboration among nurses and others who are interested in Nursing Informatics to facilitate development in the field. We aim to share knowledge, experience and ideas with nurses and healthcare providers worldwide about the practice of Nursing Informatics and the benefits of enhanced information management.

IMIA Nursing Informatics  
Special Interest Group,  
<https://www.linkedin.com/groups/6716836/>

**Please share this newsletter  
with your networks and  
national nursing informatics  
organizations.**

## Honorary Member: Ab Bakker by Diane Skiba

Ab Bakker was introduced to computers while working part time at the National Aeronautical Laboratory while he pursued his university studies in mathematics and physics. He became fascinated with computers and their applications, thus, focusing his career in computing. In his first two positions, he initiated and led the computer centre at the Netherlands Shipmodel Basin and served as a manager of scientific applications at Phillips. His work at the Shipmodel Basin was used as a basis of his graduate thesis work. He then was given an appointment at Leiden University to conduct research in medical biological information processing as well as assuming the responsibility for the computer department at Leiden University Hospital. It was in this role that he was tasked with the development of an experimental integrated hospital information system (HIS). The HIS development was funded by the Dutch government and resulted in an operational system for the Leiden University Hospital. This pioneering 1970s HIS was in demand by numerous hospitals. The BAZIS Foundation was established to support the Leiden HIS and foster its continued development.

During this time, he worked with a colleague, Elle Plutyer Wenting, the third chair of the IMIA NI Special Interest Group and became involved in the world of medical informatics organizations. Given his HIS experience and interest in data protection, the Dutch Association for Biomedical Information Processing (VMBI) asked Dr. Bakker to participate in the International Federation for Information Processing's WG4.4 (Data Protection in Health Information Systems). The IFIP WG4.4 was transitioned into IMIA as IMIA WG4. He served for many years as the chair of this working group. He also initiated and promoted the development of the HIS working group that was eventually established as IMIA's WG 10 (Hospital Information Systems). With his involvement with IMIA, he supported and promoted the NI working group that is now IMIA NI. He organized numerous conferences and served on the IMIA Board as treasurer and as vice-president for Special Affairs. He was an accomplished author of numerous publications.



The success of the Leiden HIS throughout the Netherlands led to a transition to an international market. Dr. Bakker worked for many years and then he established his own consulting company focusing on the relationship between information and communication technology systems and the organisational structures of health care institutions. In recent years, he focused on the development and implementation of telemedicine applications. With his extensive involvement with IMIA and the early NI working group, Dr. Bakker was inducted as an inaugural Fellow in the International Academy of Health Sciences Informatics.

This biography was adapted from Dr. Bakker's chapter in Kulikowski, C., Mihalas, G., Greenes, R. Park, H., Yácbsohn, V. (2021) *International Medical Informatics and the Transformation of Healthcare*. Healthcare Computing & Communications Canada for IMIA.

## Attending MedInfo in Sydney?



Any nurses and midwives attending MedInfo in Sydney who would like to meet up please come to the Registration desk at 8.30 am on Saturday 8 July. Michelle Honey will be there, and we can grab a coffee before the day starts, or plan when else might suit to meet up.

### Upcoming Events and News

- IMIA NI General Assembly June 26th at 2000 hours CET **OR** June 27th at 0630 hours CET
- **MedInfo 2023** is being held in Sydney, Australia, 7-12 July 2023.
- **AIDH Nursing and Midwifery Digital Health Conference 2023** during Medinfo23 on 8 July.
- **NI 2024** Manchester, UK, 28-31 July, 2024. The theme is 'Applied nursing informatics: Innovations in the practice of nursing informatics'. [@ni2024](#). Register your interest [HERE](#).

Please let us know if you have any news or events to share