

Editor in Chief Report
IUPESM

JOURNAL OF HEALTH & TECHNOLOGY

DECEMBER 11, 2016

LUIS KUN, PH.D. – EDITOR IN CHIEF

SPRINGER NATURE



MEDICAL PHYSICS INTERNATIONAL Journal,
vol.4, No.1, **APRIL 2016**

COLLABORATING JOURNALS

- THE IUPESM JOURNAL "HEALTH AND TECHNOLOGY" –**INVITED EDITORIAL**
Wrote Introduction for the segment written earlier:
JUST ANOTHER JOURNAL? NO, A DIFFERENT ONE!
by Lodewijk Bos &, Luis Kun

Volume 6, Issue 1, June 2016

Special Issue on Social Implications of Technologies

Issue Editors:

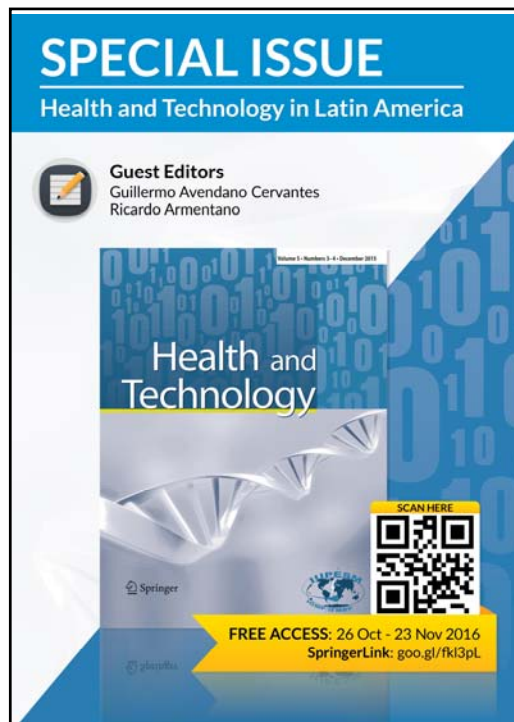
Luis Kun
Caridad Borrás

Topical Collection Social Implications of Technology

- ▶ Editorial -Introductory remarks to the Special Issue on *Social Implications of Technology*, in Honor of the Late Dr. Lodewijk Bos Luis Kun
- ▶ Social implications of technology: Introductory words Herbert F. Voigt
- ▶ Design implications of e-Health systems for a sustainable growth Laura M. Roa, Javier Reina-Tosina
- ▶ Empowering consumers with improved immunization intelligence through technology and social frameworks Michael L. Popovich, Erich M. Daub, Michelle Bonjour
- ▶ Information quality in healthcare social media – an architectural approach D. M. Lopez, B. Blobel, C. Gonzalez
- ▶ Upgrading translational engineering in medicine and biology through conscious-technology with humanistic motivation and global vision Ricardo Armentano, Luis Kun
- ▶ Cybercare 2.0: meeting the challenge of the global burden of disease in 2030 Joseph M. Rosen, Luis Kun, Robyn E. Mosher, Elliott Grigg
- ▶ On protecting & preserving personal privacy in interoperable global healthcare venues Robert Mathews
- ▶ Patient privacy and security concerns on big data for personalized medicine B. Blobel, D. M. Lopez, C. Gonzalez

Volume 6, Issue 2, July 2016

- ▶ Review Paper *Towards a medical device regulation in South Africa: an assessment of the medicines and related substances amendment act of 2015* Trust Saidi
- ▶ Review Paper *Persuasive features in health information technology interventions for older adults with chronic diseases: a systematic review* Jennifer Dickman Portz, Amy Miller, Brittany Foster
- ▶ Original Paper *A New fuzzy level set method for lesion border detection in dermoscopy images* Seyed Vahab Shojaedini
- ▶ Original Paper *Attitudes toward biomedical technology and products in South Korea* Eunil Park, Ki Joon Kim, Sang Jib Kwon
- ▶ Original Paper *A conceptual model for the role of storytelling in design: leveraging narrative inquiry in user-centered design (UCD)* Kimberly A. Gausepohl, Woodrow W. Winchester III...
- ▶ Original Paper *Recognition of emotions in autistic children using physiological signals* Niranjana Krupa, Karthik Anantharam, Manoj Sanker, Sameer Datta...
- ▶ Original Paper *Decision support system minimizing the risk of post-operation complications after surgeries* Pavel Jahoda, Radim Briš, Michal Běloch, Lubomír Martínek
- ▶ Short Communication *Mobile application an approach to enhance easy adverse drug reactions reporting in India* Sachin Kuchya, Vivekanandan Kalaiselvan, Smeet Kaur, G. N. Singh



October 2015 –EIC Trip to Montevideo, Uruguay

- Attended CORAL meeting
- Presented concepts discussed during the World Congress in Toronto earlier, June 2015 of having a Special Issue dedicated to H&T in Latin America.
- Chose 2 Guest Editors Armentano & Avendano
- Set a Goal of having the Special Issue Ready for the last week of October 2016 and to be presented at CLAIB 2016 in Bucaramanga, Colombia
- 1st day of the Conference while starting an invited keynote the Special Issue was presented
- Was able to negotiate with Springer to have one month of Free Access / Downloads

OCTOBER 2016: GOAL ACHIEVED !!!

- ▶ Review Paper [Clustering of cardiovascular risk factors highlighted the coronary artery calcium as a strong clinical discriminator](#) C. M. Bucci, W. E. Legnani, R. L. Armentano
- ▶ Review Paper [An IoT approach for integration of computational intelligence and wearable sensors for Parkinson's disease diagnosis and monitoring](#) Luis Eduardo Romero, Parag Chatterjee, Ricardo Luis Armentano
- ▶ Original Paper [Predicting the effect on pulse wave reflection of different endovascular repair techniques in abdominal aortic aneurysm using 1D patient-specific models](#) M. E. Casciaro, M. A. Alfonso, D. Craiem, J. M. Alsac, S. El-Batti...
- ▶ Original Paper [Elastic mismatch between ePTFE and PLLA vascular grafts in relation to femoral and carotid arteries in humans: in vivo, in vitro and in silico assessment](#) Manuel Alfonso, Leandro J. Cymberknop, Diego Suárez...
- ▶ Original Paper [Vascular reactivity in healthy subjects: simultaneous characterization of arterial pressure and diameter time profiles](#) Claudia R. Arbeitman, Leandro J. Cymberknop, Ignacio Farro...
- ▶ Original Paper [Central blood pressure monitoring method oriented to wearable devices](#) Germán Fierro, Fernando Silveira, Ricardo Armentano
- ▶ Original Paper [Global view and future challenges of biomedical engineering in Latin-America: experts' opinion](#) Leandro J. Cymberknop, Ricardo L. Armentano
- ▶ Original Paper [Critical importance of multilateral studies related with adverse events in medical devices](#) Guillermo Avendaño
- ▶ Original Paper [Impact of arterial cross-clamping during vascular surgery on arterial stiffness measured by the augmentation index and fractal dimension of arterial pressure](#) M. T. Politi, S. A. Wray, J. M. Fernández, J. Gaudric, A. Ghigo...
- ▶ Original Paper [Learning stochastic finite-state transducer to predict individual patient outcomes](#) Patricia Ordoñez, Nelson Schwarz, Adnel Figueroa-Jiménez...

One of the authors

Julia Powles works on technology law and policy at the University of Cambridge, has spent six months on a forthcoming article about "DeepMind Health and its dubious access to the highly sensitive patient records of millions of unwitting Londoners."



Another author: Rwanda's Minister Nsengimana (Youth and ICT) —

California-based Zipline delivers blood and other medical necessities to rural clinics in Rwanda using drones.

SOME EXAMPLES -

- ▶ MIT Technology review - [Robotics Is App a Solution, or a Problem?](#) Software will alert medics to early signs of illness, but some critics argue that too much data is being shared. [Nov. 22, 2016](#)
- ▶ [Fears raised over Google's DeepMind deal to use NHS medical data](#) [Posted on [November 22, 2016](#)]

(Read more: [BBC](#), [Financial Times](#), "DeepMind Will Use AI to Streamline Targeted Cancer Treatment," "DeepMind's First Medical Research Gig Will Use AI to Diagnose Eye Disease")

The perils of privacy. Rwanda is best known for how in 100 days in 1994, some 800,000 people were slaughtered by ethnic Hutu extremists. They were targeting members of the minority Tutsi community, as well as their political opponents, irrespective of their ethnic origin. **Using National Identity documents to target people.**

Contrasting now:

- ▶ [Innovations](#) -In Rwanda, lifesaving blood now drops from drones By Steven Overly, [October 13, 2016](#)
- ▶ [Rwanda's hospitals will use drones to deliver medical supplies](#) by Matt McFarland [October 14, 2016](#)

The Washington Post

CNN

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Expanding our Board with members representing multidisciplines and interdisciplines

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OUR GOAL

Recruiting members that can assess and advice at the intersection of technology with healthcare, including: ethics, food and nutrition, water and the environment, economics, architectures, hospitals, home care, social media, smart cities, laboratories, communications, nursing, nanobiotechnology, 3D printing, robotics, virtual reality, informatics, other emerging technologies, genetics, socialized medicine, personalized medicine, pharmaceuticals, vaccines, exercise physiology, meditation, yoga, acupuncture, prevention and wellness etc. So they can help the Journal recruit reviewers in their areas of expertise and be Guest Editors themselves in their areas of interest.