27-28 AUGUST 2019

CALL FOR ABSTRACTS/POSTERS
Following the France-Singapore Year of Innovation in 2018, the two countries have decided to strengthen their collaborations on the applications of Artificial Intelligence research to Health. The objective of the 1st Singapore-French joint workshop on AI in Health, to be held in conjunction with MedInfo 2019, is to encourage and foster new international collaborations between researchers of the two countries in this field. The workshop will feature invited talks and interactive discussion sessions/round tables. It will also include contributed abstract or posters. The present call aims at gathering proposal for such contributed abstracts or posters.

INVITED SPEAKERS
- V. Rajan, National University of Singapore, SG. www.comp.nus.edu.sg/disa/bio/vaibhav/
- N. Kee Yuan, National University Health System, SG.
www.ihis.com.sg/Awards/Pages/2018%20NHITEA/Cat-E-Ngiam-Kee-Yuan.aspx
- A. Jeyasekharan, Cancer Science Institute of Singapore, SG. www.csi.nus.edu.sg/ws/team/pi/anand-jeyasekharan-2
- A. Burgun, University Paris Descartes, FR. www.crc.jussieu.fr/anita_burgun_equipe.html
- M. Cuggia, University Rennes 1, FR. sites.google.com/site/prmarccuggia/cv
- M. Lelarge, Inria, Paris, FR. www.di.ens.fr/~lelarge/
- T. Boeken Hopital Européen Georges Pompidou, Paris, FR

THEMES
Submissions should emanate from research groups located in Singapore or in France and should consist in research using Artificial Intelligence (in its broad sense) for issues related to human health. The methodologies employed may include (but are no limited to)
- Deep Learning and artificial neuron networks
- Machine Learning
- Data mining, symbolic AI
- Ontologies
- Natural language processing
- Big data analytics
- Multimodal information fusion
- Adaptive learning
- Dynamic decision making.

The target health domain can include the major chronic diseases in Singapore – Hyperglycemia (diabetes), Hypertension (high blood pressure), Hyperlipidemia (high cholesterol). However, any application related to the main topics tackled in MedInfo will be considered, including (again with no limitation):
- Assistance to the diagnosis of pathologies (cancer, neurodegenerative diseases, metabolic diseases, rare diseases....)
- Treatment and prevention of pathologies
- Health information systems evaluation
- Electronic health records

- Individualized therapy
- Healthcare quality
- Pharmacogenomics
- Public health informatics
- Learning healthcare system
- Clinical decision support systems and reasoning
(see e.g. https://medinfo-lyon.org/en/programme/preliminary)

FORMAT
All submissions must include:
- A clear and concise abstract of no more than 500 words in English
- A title
- A list of all authors using their full names
- Institution affiliations for each author
- One author who will be able to present the abstract at the workshop
Submission are to be sent be email at:

sgfr_aihealth2019@inria.fr

before May 30, 2019.
The received submissions will be examined by the program committee (see below) that will decide upon acceptance and propose contributed talk or poster, depending on the total number of submissions.

DATES
Submission must be sent to SGFR_AIHealth2019@inria.fr *before May 30, 2019*. Notification regarding acceptance will be emailed to authors by June 13, 2019.

PRGRAMME COMMITTEE
- (Chair) Hugues Berry, Inria, Lyon, FR. www.inrialpes.fr/Berry/
- Anita Burgun, University Paris Descartes, FR. www.crc.jussieu.fr/anita_burgun_equipe.html
- Tze-Yun Leong, National University of Singapore, SG. www.comp.nus.edu.sg/~leongty/Home.html
- Vaibhav Rajan, National University of Singapore, SG. www.comp.nus.edu.sg/disa/bio/vaibhav/
- Sharon Tan, National University of Singapore, SG. www.comp.nus.edu.sg/disa/bio/tansl/

CONTACT
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