Call for Contributions for

Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=GLOBAL+HEALTH+2018+Special
Please select Track Preference as **DLH**

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Special track
DLH: Deep Learning Applications in Healthcare

Chair and Organizer
Dr. Harshavardhan Achrekar, University of Massachusetts Lowell, USA
hachreka@cs.uml.edu

along with

GLOBAL HEALTH 2018, The Seventh International Conference on
Global Health Challenges

https://www.iaria.org/conferences2018/GLOBALHEALTH18.html
November 18 - 22, 2018 - Athens, Greece

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This special track aims at exploring new possibilities in Healthcare domain based upon Deep Learning techniques. Artificial Intelligence (AI) is relevant life sciences, medicine, and healthcare, as well as in industry. Data Scientists attempt to invent models, innovative methods and tools used to predict healthcare outcomes.

Researchers have been using patient health trackers information data to better understand medical complexities and explain diagnostics reporting. Deep Learning can provide key insights on delivery of care, help cure diseases and improve population management through sophisticated neural networks based data-intensive computation techniques.

Topics include, but not limited to:
- Predictive analytics for clinical decision-making
- Real-time patient tracking/assessment to point-of-care interventions
- Precision medicine and population health management
- Designing, training, and deploying neural network-powered machine learning applications for precise diagnosis.
- Uses of Deep Learning in Chest abnormality detection, CT scans, Cardiac imaging, MRI scanning
- Deep learning approaches incorporated in the HER
  (Encounters, Labs, Medications, Vital Signs, Procedures, Diagnoses, Notes)

Important Datelines
Inform the Chair: As soon as you decided to contribute
Submission; October 5
Notification: October 20
Registration: October 30
Camera-ready: October 30

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=GLOBAL+HEALTH+2018+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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