

## **Call for Paper**

**Invited Session on Machine Learning and its Applications**  
**Session Organizer: Prof. Mu-Song Chen and Prof. Chi-Pan Hwang, and Prof. Hsuan-Fu Wang**

We are organizing an invited session on Machine Learning and its Applications for DLT-2017, which will be held in National Chiayi University, Taiwan on June 24-25, 2017. It brings together researchers working across this field to share their experience and discuss advanced techniques. Topics of interest include, but are not limited to:

1. Machine learning models, including deep learning, for extreme scale systems
2. Enhancing applicability of machine learning in HPC (e.g. feature engineering, usability)
3. Learning large models/optimizing hyper parameters (e.g. deep learning, representation learning)
4. Facilitating very large ensembles in extreme scale systems
5. Training machine learning models on large datasets and scientific data
6. Overcoming the problems inherent to large datasets (e.g. noisy labels, missing data, scalable ingest)
7. Applications of machine learning utilizing HPC
8. Future research challenges for machine learning at large scale.
9. Large scale machine learning applications

### **Submissions:**

Each paper should follow the DLT-2017 format with title, author's names, affiliation, email addresses, an up to 150-words abstract, and a two-column body with 8 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only and be mailed to: Prof. Mu-Song Chen at [chenms@mail.dyu.edu.tw](mailto:chenms@mail.dyu.edu.tw).

### **Important Dates:**

Deadline for paper submission: March 15, 2017

Notification of acceptance: April 15, 2017

Deadline for camera-ready manuscript submission: April 22, 2017

**For more information, please contact:**

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