

BigLS – Big Data in Life Sciences

The First International Workshop on Big Data in Life Sciences (BigLS 2013)

Crowne Plaza, New Orleans Airport, LA

Thursday, June 13, 2013

Held in conjunction with the 3rd International Conference on Computational Advances in Bio and Medical Sciences (ICCABS 2013)

June 12-14, 2013, New Orleans, LA

Workshop Co-Chairs:

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The ever-growing volume and diversity of biological and biomedical data collections continues to pose new challenges and increasing demands on computing and data management. The inherent complexity of this big data forces us to rethink how we collect, store, combine and analyze it.

BigLS, pronounced “Beagles”, is a workshop dedicated to the broad theme of big data in life sciences. The goal of the workshop is to bring together leading researchers and practitioners working on a diverse range of big data problems relating to biology and medicine, and engage them in a discussion about current big data problems, the state of computational tools and analytics, the challenges and the future trends within life sciences. Specific topics covered in this inaugural edition of the workshop include, but are not limited to:

- Next-generation sequencing and assembly
- Metagenomics and metaproteomics
- Systems biology and informatics
- Statistical and integrative approaches to big data biology and informatics
- Scientific workflows and platforms for big data in life sciences

The workshop will be held on Thursday, June 13, 2013, and will consist of a set of invited presentations, followed by a joint panel discussion. The workshop is open to all ICCABS attendees, and to those who register separately for the workshop.

Workshop registration fees:

- IEEE Members: \$300
- IEEE Non-members and late registration (after May 20, 2013): \$400

More information and advance list of presentations are available at: <http://www.bigls.org/>