

**Welcome to the UAlbany ASIS&T
7th Annual Open Source Festival
2017**

Schedule

Workshops: 12:00pm - 1:30pm

Keynote 2:00pm - 2:30pm

Demonstrations 2:30pm - 5:00pm

Bill Hoffman - Keynote Speaker

- Mr. Hoffman is a founder of Kitware
- Currently serves as Chairman of the Board and Chief Technical Officer (CTO).
- He is the original author and lead architect of CMake, an open-source, cross-platform build and configuration tool that is used by thousands of projects around the world, and he is the co-author of the accompanying text, Mastering CMake.
- Using his 20+ years of experience with large software systems development, Mr. Hoffman is also a major technical contributor to Kitware's Visualization Toolkit, Insight Segmentation and Registration Toolkit, and ParaView projects.

Workshops 12-1:30pm

Will May- Programming in R

- An open source programming language and software environment used widely by many statisticians and data miners

Elliot Weintraub & Eliezer Marte - 3D Printing Demo

- Covering the basic concepts, and information of 3D printing and its use today

Michael Odumosu & Eduardo Andrade- Web Design with HTML and CSS

- Exploring the foundation behind the website, HTML, and the additional editing capabilities present in CSS

Demo's 2:30-5pm

Grant Seltzer

Containers - The near future of computing infrastructure!

George Berg

- Undergraduate Research: An Electronically Enhanced 3D Printed Hand
- Undergraduate Research: Adding Intelligence to 3D Printing

Catherine Dumas with Students from INF 307: Current Topics in Social Media

Gephi: An Open Source Tool for Collecting and Visualizing Twitter Data

Demos 2:30-5pm

Brian Northan

Open source image and data analysis

Mark Beauharnois

The University at Albany's Atmospheric Sciences Research Center's (ASRC) xCITE (ExTREME Collaboration, Innovation, & Technology) laboratory

The team will showcase a signature product called 'raspPy' (Real Atmospheric Soundings Package in PYthon), used to visualize and analyze atmospheric vertical profile data from the New York State Mesonet, a 125 station network of severe weather monitoring and advanced warning stations, and rawinsonde balloon soundings from the National Weather Service.

Demos 2:30-5pm

Alex Muro

The Albany Visualization and Informatics Lab is a multi-disciplinary data science lab that develops visualization and analysis solutions using open source tools. We have created open data API's for a number of data sets from economic data to transit schedules. Presenting on their work and the open source tools that they use to create it like postgres, node, react and d3.js

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We Would Like to Thank The Organizers

- Arnold Kurbanovas
- Elliott Weintraub
- Akeem Shane
- Nick Migilore
- Stuti Misra
- Surendra Persaud
- Eliezer Marte
- Will May
- Kevin Lassiter
- Adam Lampl
- Michael Odumosu
- Joseph Ordonez
- Jesse Parent
- Eduardo Andrade
- Catherine Dumas



Enjoy

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Thank You For Coming

See You Next Year!