

## **Open-Source Resources for Research Efforts across Disciplines**

### **Abstract**

The Software & Application Innovation Lab (SAIL) is a professional research, software engineering, and consulting lab that acts as both a driver and a collaborative partner for computational and data-oriented research efforts across Boston University. As a hub that interacts extensively with a variety of faculty members, researchers, and students across departments and schools, SAIL encounters numerous opportunities to introduce, identify, leverage, and develop further reusable resources (such as third-party services, expertise, frameworks, and applications).

In this talk we describe some of these opportunities, including the construction of custom-built open source frameworks that can be used across projects and the effective utilization of the Massachusetts Open Cloud across disciplines.

### **Bio**

Andrei Lapets is Associate Professor of the Practice in the Department of Computer Science, Director of Research Development in the Hariri Institute for Computing, and Director of the Software & Application Innovation Lab (all at Boston University). His research interests include cybersecurity (in particular, secure multi-party computation), formal verification, static analysis, and domain-specific language design.