*The world of work is changing fast, driven by new techniques and tools across the widest possible range of industries. The so-called “digital twin” (*[*https://blogs.3ds.com/northamerica/the-importance-of-the-digital-twin/*](https://urldefense.proofpoint.com/v2/url?u=https-3A__blogs.3ds.com_northamerica_the-2Dimportance-2Dof-2Dthe-2Ddigital-2Dtwin_&d=DwMGaQ&c=lqHimbpwJeF7VTDNof4ddl8H-RbXeAdbMI2MFE1TXqA&r=Bf1QQp5VbG12M91TeI3J0lhwGIcjiObzQJEIlSMnXmQ&m=TO4UhhQojUlKAxIskPUGaljQ0JoRXNmFarzh_-rwDoA&s=-1PiHj6rhDnM68q3ylM8afUs3850TiwDoZb0dsklh6U&e=)*) is providing new capabilities and insight for manufacturing industries but this tsunami of digital tools is not limited to the manufacturing industries. More importantly, these new technologies require changes in the way we educate people. This conference, geared towards leaders in academia, will bring together a unique combination of experts from academia, government and industry. The conference will include talks, demonstrations, panel discussions, as well as time for interaction and exchanges. The content will span a range of industries including manufacturing, healthcare, retail and more, all of which are being massively transformed via 21st century digital tools.*

*-* **Al Bunshaft**, Senior Vice President, Global Affairs, Dassault Systèmes Americas, and ATEA board member.

# CONFERENCE AGENDA

**Wednesday November 7**

**5:00-6:30pm ATEA Member Reception**

**Thursday, November 8**

**9:00-9:30Welcome and Mission, History and Overview of ATEA and goal of growing in Region 1**

**Al Bunshaft Senior Vice President Global Affairs Dassault Systèmes**

**Bryan Albrecht, President of the ATEA Board of Trustees and President of Gateway Technical College**

**9:30-10:00 Keynote Speaker: Secretary Jim Peyser, Secretary of Education, Commonwealth of Massachusetts**

**10:00-10:30 Break**

**10:30-11:30 Deep Dive on Digitization and Education – How Dassault Systèmes helps technical colleges migrate to a digitized world. -** SolidWorks Education Team

**11:30-1:30 Lunch and Panel**

***ATEA Region 1 Panel “Digitization: the new common fabric of work and education”***

**Healthcare - “Training and education digitization contribution to pathways”**

**Dr. Alex Clifford, VP Maine College of Health Professions**

**Manufacturing - “Advanced manufacturing of biomedical devices and digitization”**

**Dr. Glenn Sundberg, Mechanical Engineering, U-Mass Lowell**

**Cybersecurity - “Across sectors but all one grid”**

**Representative from National Cybersecurity Center**

**Workforce - “Region 1 work-study, internships and apprenticeships”**

**Dr. James Sherrard, Chair Nuclear Programs, Three Rivers CC Norwich CT**

**1:30-1:45 Break**

**1:45-2:45 End-to-End Digitization Examples:** Virtual Singapore, Living Heart, and Additive Manufacturing

**2:45-3:45 Real Life Examples of Student Competitions to Drive Learning and Increase Diversity**

**3:45-5:15 Tours of Dassault Systèmes (participants will experience all of the following):** Virtual Reality Center, Fab Lab Visit and Solution Demonstrations

**5:15-5:30 Wrap-up, instructions for dinner and Friday logistics**

**5:30 Dinner Copper House Tavern,** 380 Winter Street, Waltham, MA 02451 [**http://copperhousetavern.com**](http://copperhousetavern.com)

**FRIDAY NOVEMBER 9**

**8:00am Board Buses from Hyatt to Olin College of Engineering in Needham**

**9:00-11:00am** **Olin College of Engineering (**[**http://olin.edu/**](http://olin.edu/)**) — tour and presentations**

**Welcome and Introduction to Olin College of Engineering**

**Dr. Richard Miller, President**

**Meeting and tours**

**Michelle Davis, Chief Marketing Officer**

**11:30 Buses depart back to Hyatt Hotel**

Register for the event here-> [End to End Digitization Registration and Information Page](https://ateaonline.org/admin/website/system-pages/?pageId=1852421)