Agenda

Open Source Software (2020 Session)	1 hour, 27 minutes
Patenting Software (2020 Session)	1 hour, 25 minutes
Licensing Models (2020 Session)	1 hour, 26 minutes
Dealing with Data (2020 Session)	1 hour, 34 minutes
Round Table Discussion (2020 Session)	1 hour, 34 minutes
New Realities in Software IP Protection (2021 Session)	1 hour, 27 minutes
Emerging Trends in Artificial Intelligence, Machine Learning and Data Licensing (2021 Session)	1 hour, 29 minutes

Full session descriptions are on the following pages.

Session Descriptions

Open Source Software

This session provides an overview of the best resources available to technology transfer offices (TTOs) for navigating the open source ecosystem. These resources will include an introduction to the basics of open source software, including different types of open source licenses, open source business models, source code management/release and navigating the complex relationship with faculty who prefer open source as a transfer mechanism. Use of case examples will help with real world issues that most offices face and how to address them. The session also includes a panel discussion that will dive deeper into how different TTOs support and manage their open source software, including a set of best practices they have implemented.

Patenting Software – Current Insights

The patent landscape for software and AI innovations is frequently changing. In this webinar we'll first cover an overview of patent eligibility for AI-related subject matter, including machine learning/deep learning methods and technical applications of AI.   An Alice update via relevant examples using patent -eligible and -ineligible cases from the Federal circuit will be discussed, including the latest USPTO guidance. Next, we'll dive into one of our own bioinformatics subject matter case studies as an example of the USPTO pulling back notice of allowance and through the appeals process. Finally, we'll focus on decision making related to software patenting, including building an internal strategy for deciding when to file. Factors to consider when making filing decisions will be explored along with best practices for communicating these strategic considerations to key stakeholders, including faculty and leadership.

Licensing Models

This session is built to explore the various options in contemporary software licensing from universities. With the advent of ever increasingly complex solutions being offered by faculty and research staff and increasing interest from a wide variety of ecosystem partners different approaches and combinations are needed. With the gamut of solutions running from open source options to End User License Agreements to traditional royalty based agreements and more current options including equity centered licenses this session will explore the pros, cons, benefits and pitfalls of these different options.

Dealing with Data

It has been said that data is the new oil. Increasingly, data is at the forefront of many leading technologies, including machine learning innovations, and is becoming a ubiquitous component of many licensing transactions. As such, technology transfer professionals will need to understand data components and stay on top of unfolding developments if they wish to remain

ahead of emerging trends as well as protect and use this unique type of intellectual property. This session will discuss the types of data typically used or generated at universities, its potential, its challenges, and showcase some current best practices for dealing with data in licensing agreements and sponsored research agreements.

Roundtable Discussion

This open discussion on software licensing will be moderated by Lewis Humphreys. Lewis will outline some of the highlights of the Software Course and learning practices to help attendees on putting what you have learned into practice. If you have live cases or questions about software licensing bring them to this webinar. All of the AUTM software community will benefit from this peer-to-peer learning opportunity.

New Realities in Software IP Protection

This presentation will begin with an overview of some of the more pertinent developments in intellectual property law over the past year and how it impacts a TTOs efforts to protect and monetize data and software including:

- Supreme Court decisions involving copyright protection of declaratory code, software, government edits, and state sovereign immunity
- Recent cases on what is protectible/fair use on the internet including embedded links, de minimus display of art work
- Developments in copyright and trade secret law to protect data
- Latest saga in protecting software in the Courts and PTO
- Litigation surrounding scope of use for AI and ML

After setting the stage, our panel of distinguished technology transfer officers will share real life examples of the types of inquiries they get from faculty, how they have (or have not) adjusted their programs in view of these recent developments, and how new trends in the field have impacted the way they identify IP at their institutions.

Emerging Trends in Artificial Intelligence, Machine Learning and Data Licensing

This session will take over where the 2020 Software Course left off and build upon the presentations that all 2021 registrant have access to. The presentation will begin by providing a high-level overview of what is Artificial Intelligence and Machine Learning and describe what tools are available to use to protect, monetize and license the software and data. Then, our panelists will walk though real-world examples of licensing programs that they have implemented – both successful and less successful – to guide other TTOs on how to set up and implement new programs.