

# APEREO OAE

## STATE OF THE PROJECT



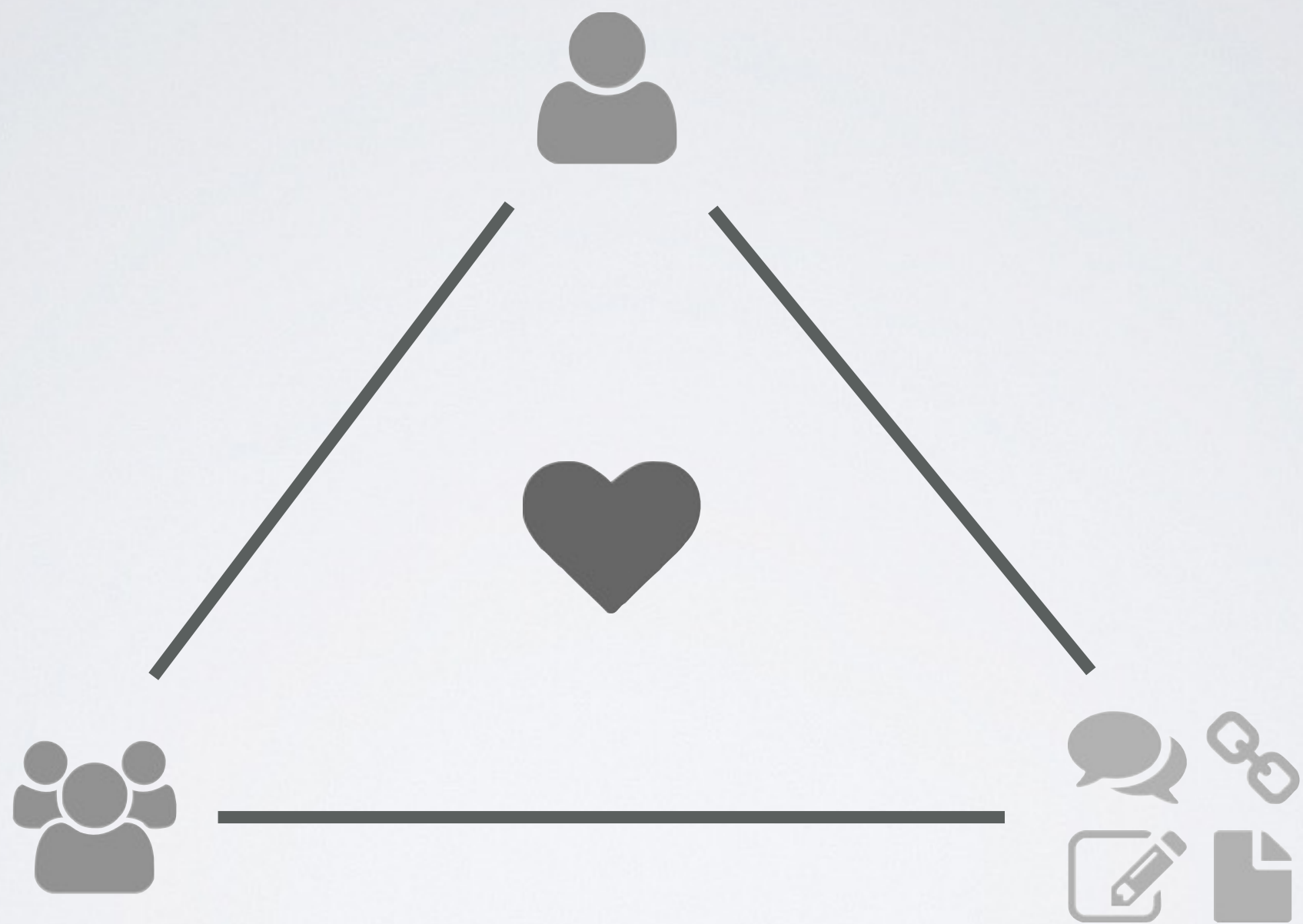
WHAT IS OAE?

# **Support for academic collaboration and networking**

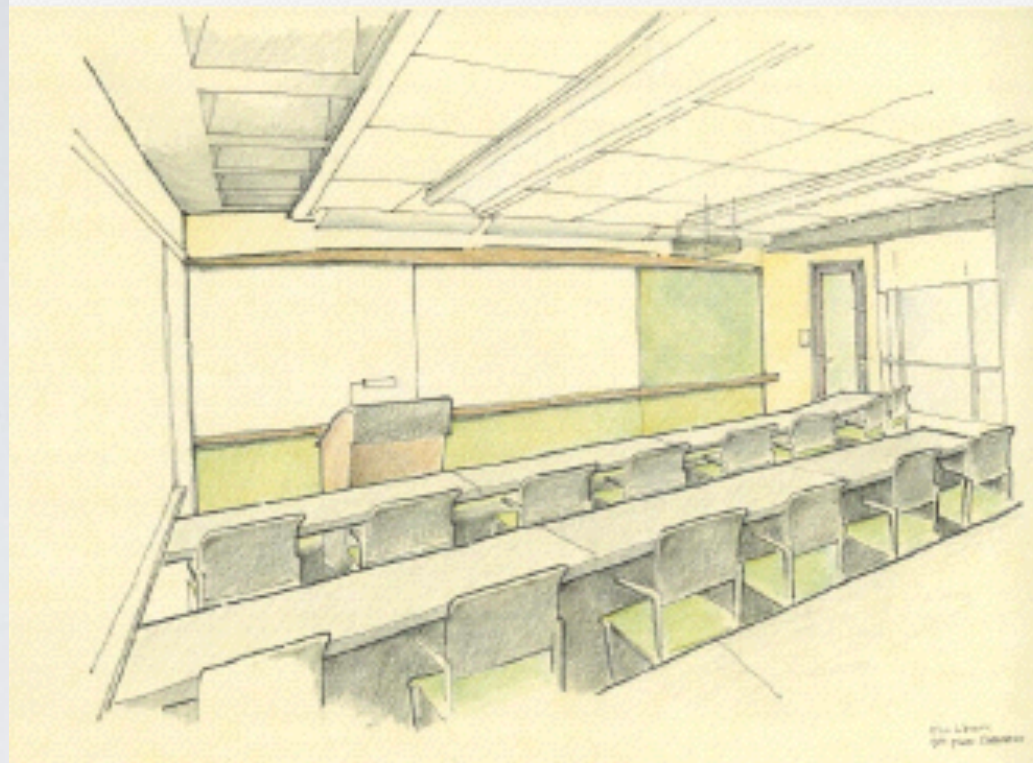


**Support for academic collaboration  
and networking**

**“Facilitates the unexpected”**







Structured  
Single Purpose  
Rigid Design  
Closed to the world



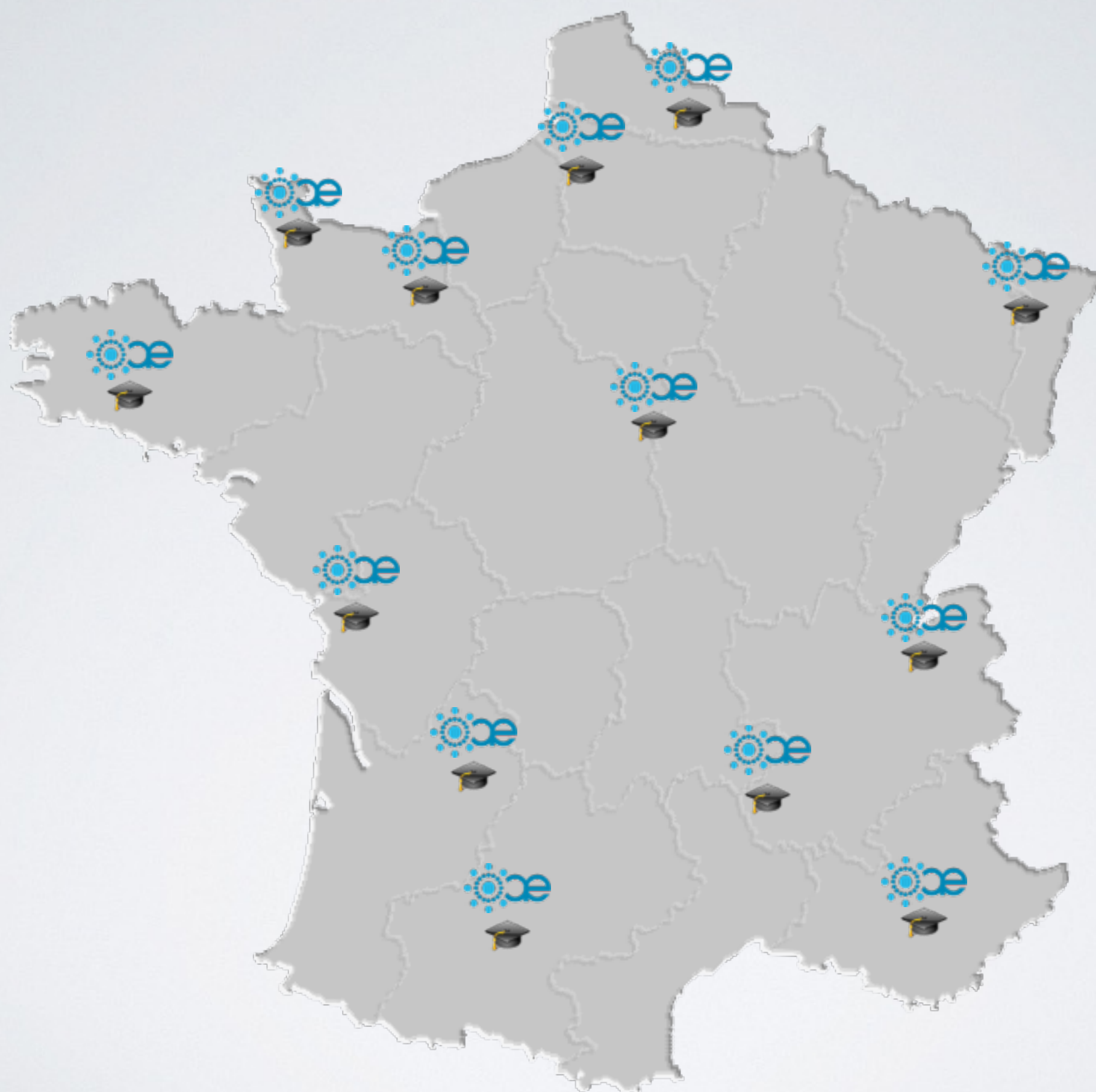
Unstructured  
Multi-Purpose  
Flexible Design  
Open to the world





# MULTI-TENANCY





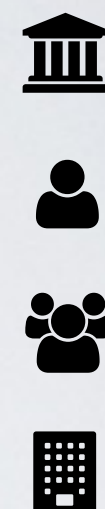
















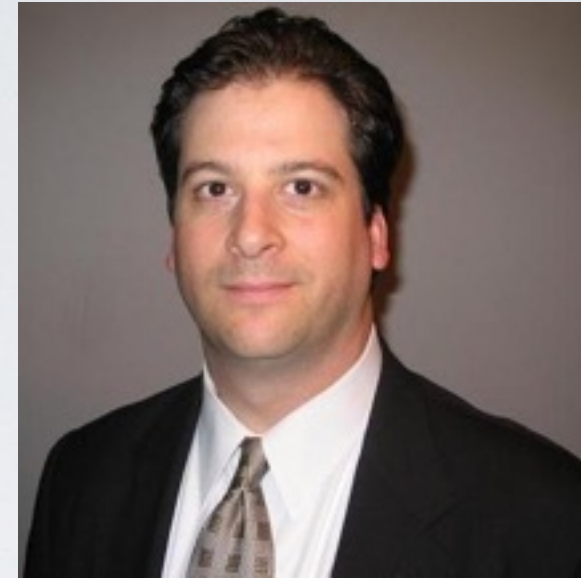
A close-up photograph of a hand holding a lit sparkler. The sparkler is in the lower right, creating a bright, intense burst of light and numerous sparks that radiate outwards. The background is dark, making the sparks stand out. A semi-transparent blue rectangular box is positioned horizontally across the middle of the image, containing the word "DEMO" in white, uppercase, sans-serif font.

DEMO



Jeannette

MARIST



Josh



John



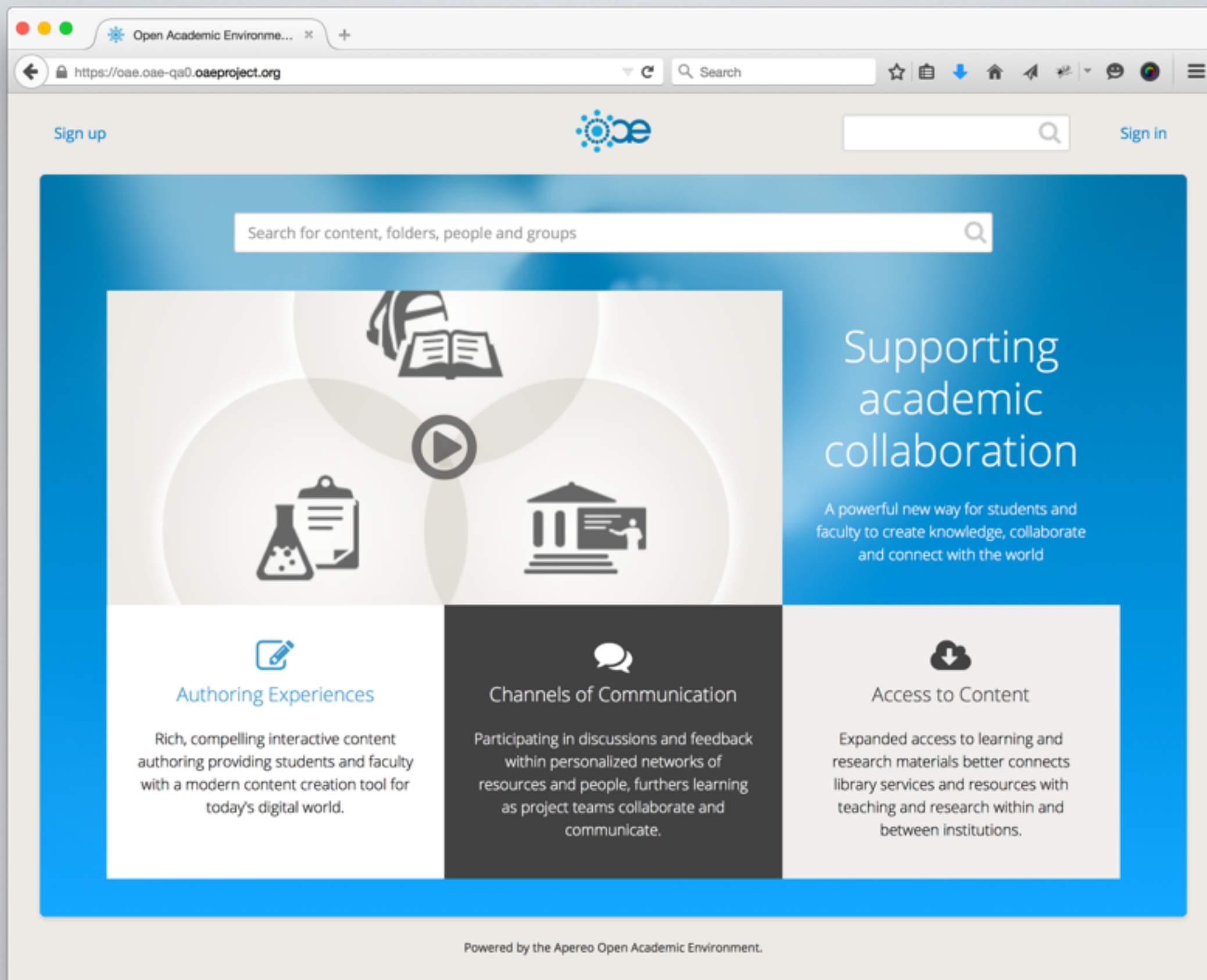
Mystery guest



A white, compact, two-seater self-driving car, likely a Waymo Firefly, is shown from a front-three-quarter view. It has a prominent black sensor dome on its roof. The car is parked on a paved road, and the background consists of a dry, hilly landscape with sparse vegetation under bright, warm lighting. A semi-transparent white banner is overlaid across the middle of the car.

# Self Driving Cars







WHAT'S NEXT

# GROUP COMMUNICATION

This screenshot shows the left-hand side of a group communication interface. On the far left is a dark sidebar with a user profile for Ellen Marcus and navigation links: Recent activity, My library, Upload, Create, My groups, and a Groups section with links to Machine Learning at Georgia Tech, Socially Intelligent Machines Lab, and Institute for Robotics & Intelligent Machines. The main content area features the group's header with a logo, name, and description. Below this is a list of recent posts, each with a user profile picture, name, time, and text. The posts include a PDF upload, a comment about fluid flow parameters, a comment about predicting radial velocity, a comment about a better mechanism for measuring velocity, a comment about a meet-up, and a comment about a conference. At the bottom, there are sections for 'All members' and 'Related groups' with links to change profile picture, edit details, and manage access.

Ellen Marcus  
Georgia Institute of Technology

Recent activity

My library

Upload

Create

My groups

Groups

Machine Learning at Georgia Tech

Socially Intelligent Machines Lab

Institute for Robotics & Intelligent Machines

Machine Learning Group

The vision of our research is to enable robots to function in dynamic human environments by allowing them to flexibly adapt their skill set via learning interactions with end-users. We call this Socially-Guided Machine Learning (SG-ML), exploring the ways in which Machine Learning agents can exploit principles of human social learning. To date, our work in SG-ML has focused on two research thrusts: (1) Interactive Machine Learning, and (2) Natural Interaction Patterns for HRI. Here you will find recent examples of projects in each of these two thrusts.

Statistical Model Criticism using Kernel Two Sample Tests - 1 comment PDF

Maria Hauros 2 mins ago  
Great work @Cyndi, we should begin to encounter dynamics human shape in motion with this information. Maybe we should compare notes and create a workings specific to applications?

Brad Rolston 6 mins ago  
The fluid flow parameters include wave velocities, wave inclination angles and parameters, such as disk rotation speed and fluid flow rate.

Lucy George 8 mins ago  
We need a way to satisfactorily predict the radial velocity

Jamie Juan 1 hour ago  
We've got a better mechanism for measuring velocity and fluid dynamics

Brenda Mathews 6 hours ago  
Fantastic work @Tony! I'll organise a meet up to formulate a presentation with the team.

Tony Scarlett 7 hours ago  
We are accepted to speak at the 14th International Conference on Machine Learning and Applications (IEEE ICMLA'15) will be held in Miami, Florida, USA, December, 2015.

Interdisciplinary research - 1 comment PDF

George Bryan 21 hours ago  
Hey @Ellen here is the findings from Technology Enhanced Learning Research Programme

Sia Maher 23 hours ago  
I think we all deserve Kindles each!

Eric Henry 23 hours ago  
Hooray!

Josephine Tan 24 hours ago  
Congratulations to @Eric and the @GT APC team, they took 10th place at the Amazon Picking Challenge that took place at ICRA this week!

All members

Change profile picture

Profile header wallpaper

Edit details

Manage access

Related groups

Machine Learning Research Group  
University of Oxford

Second Spectrum Machine Learning Insights  
University of Cambridge

Deep Learning Resources  
Stanford University

Show more

This screenshot shows the right-hand side of the same group communication interface. It continues the list of posts from the left page. The posts include a comment about fluid flow parameters, a comment about predicting radial velocity, a comment about a better mechanism for measuring velocity, a comment about a meet-up, and a comment about a conference. Below the posts, there are sections for 'All members' and 'Related groups' with links to change profile picture, edit details, and manage access.

Statistical Model Criticism using Kernel Two Sample Tests - 1 comment PDF

Maria Hauros 2 mins ago  
Great work @Cyndi, we should begin to encounter better methods to dynamics human shape in motion with this information. Maybe we should compare notes and create a workings specific to immediately relevant applications?

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All members

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University of Oxford

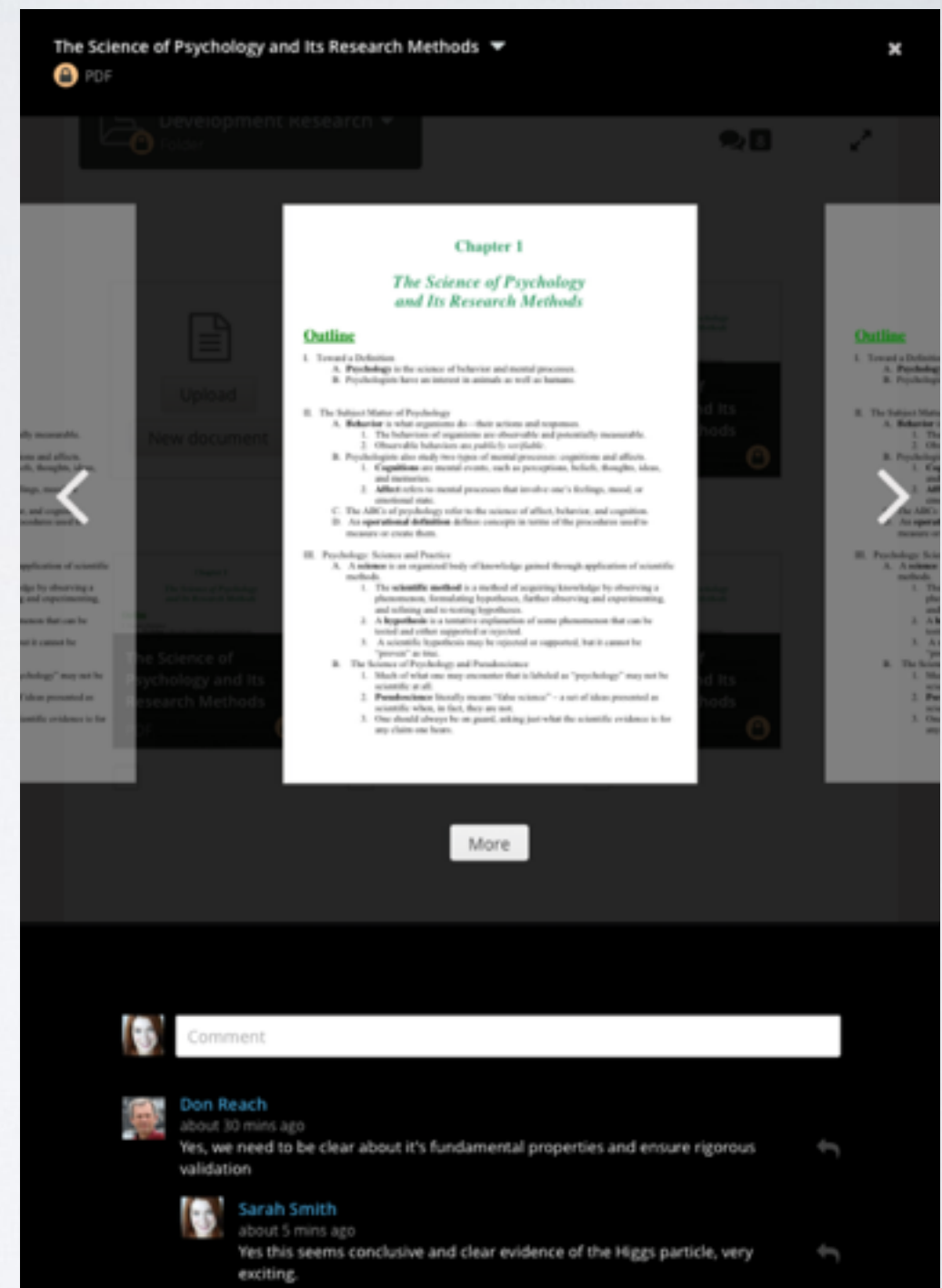
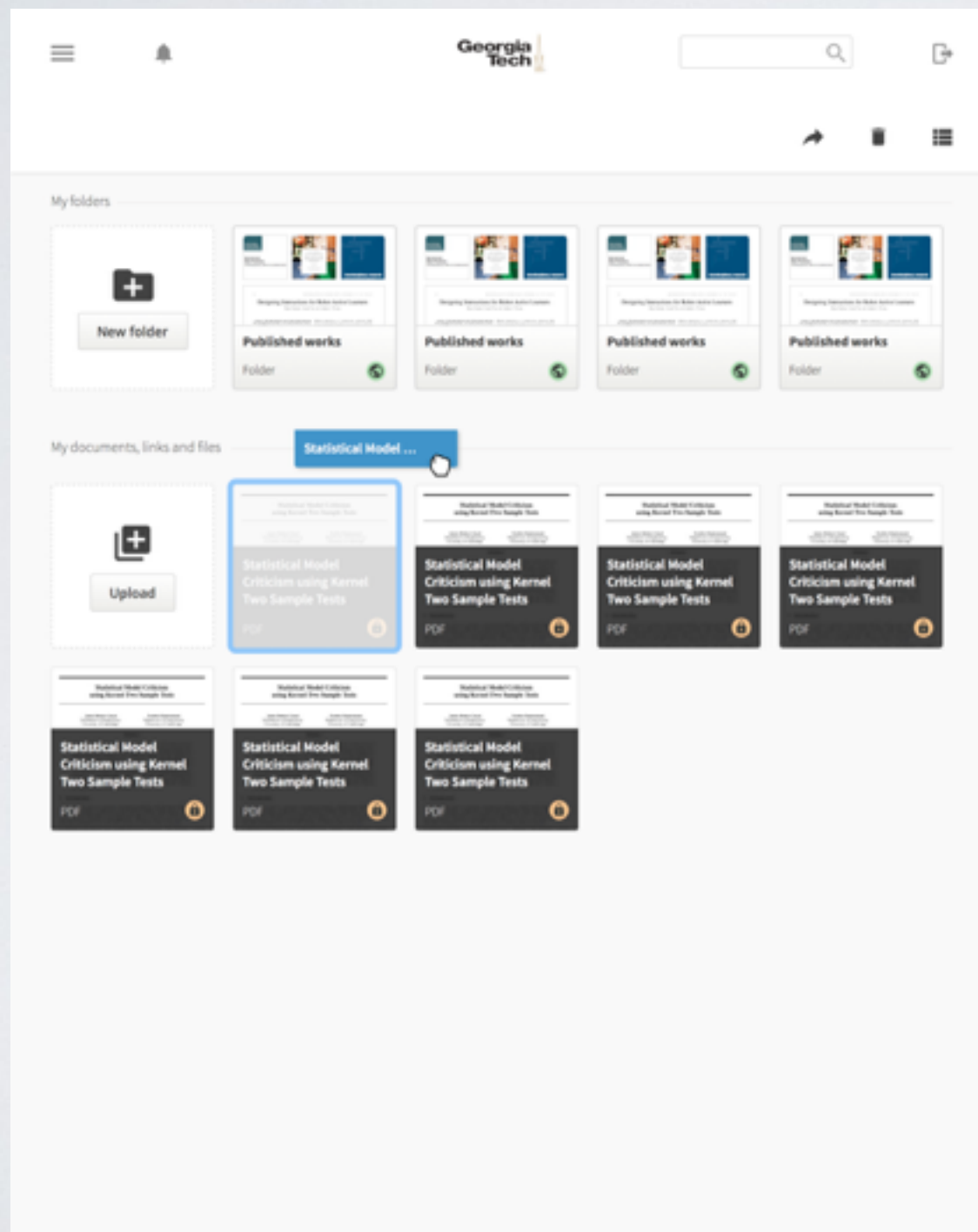
Second Spectrum Machine Learning Insights  
University of Cambridge

Deep Learning Resources  
Stanford University

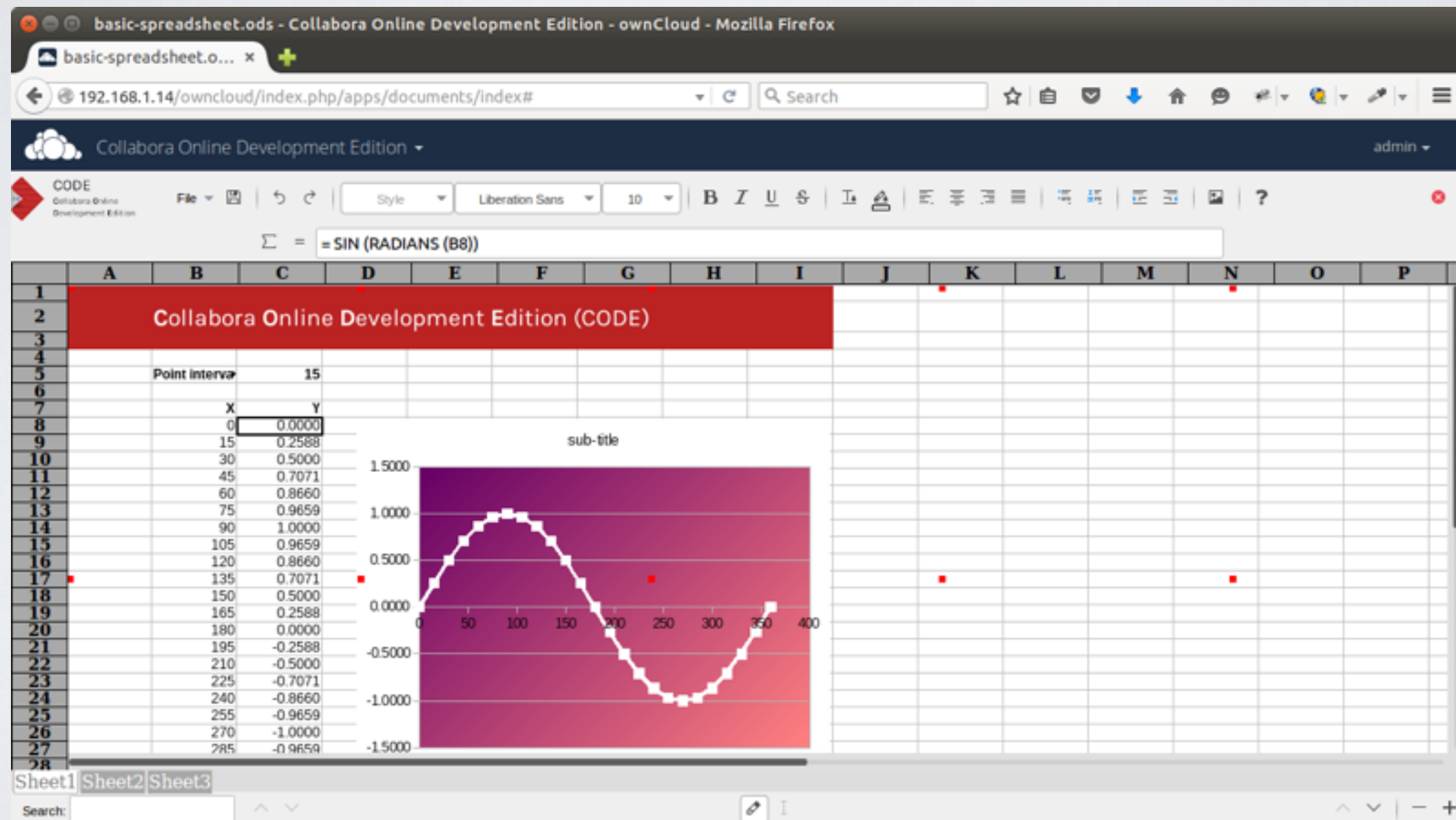
Show more



# FOLDERS AND CONTENT



# COLLABORATIVE EDITING





# RECOMMENDATIONS

The screenshot displays the Georgia Tech social network interface. At the top, there's a navigation bar with a menu icon, a notification bell, the Georgia Tech logo, a search bar, and a share icon. The main content area is divided into three sections: group activity, related people, and related content. The group activity section shows three groups: 'Machine Learning Group' (11 new comments), 'Interdisciplinary research' (1 comment), and 'Socially Intelligent Machines Lab' (5 comments). Each group has a list of recent posts with user avatars, names, and timestamps. The 'Machine Learning Group' post by Maria Hauros mentions 'Cyndi' and discusses dynamics human shape in motion. The 'Interdisciplinary research' post by George Bryan mentions 'Ellen' and discusses findings from Technology Enhanced Learning Research Programme. The 'Socially Intelligent Machines Lab' post by Sia Maher mentions 'Kindies each!'. The 'related people' section lists three individuals: Teri Smith (Georgia Institute of Technology), Ruth Walters (University of Cambridge), and Jeff Baker (Georgia Institute of Technology). The 'related content' section lists three items: 'Learning about Objects with Human Teachers' (PDF), 'Generating human-like motion for robots' (PDF), and 'Designing Interactions for Robot Active Learners' (PDF). The 'related groups' section lists three groups: 'Machine Learning Research Group' (University of Oxford), 'Second Spectrum Machine Learning Insights' (University of Cambridge), and 'Deep Learning Resources' (Stanford University).

Georgia Tech

Machine Learning Group - 11 new comments  
Group

Statistical Model Criticism using Kernel Two Sample Tests - 1 comment  
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5 more

Show all group activity

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Socially Intelligent Machines Lab - 5 comments  
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3 more

Related people

Teri Smith  
Georgia Institute of Technology

Ruth Walters  
University of Cambridge

Jeff Baker  
Georgia Institute of Technology

Show more

Related content

Learning about Objects with Human Teachers  
PDF

Generating human-like motion for robots  
PDF

Designing Interactions for Robot Active Learners  
PDF

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Georgia Tech

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3 more

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Ruth Walters  
University of Cambridge

Jeff Baker  
Georgia Institute of Technology

Show more

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PDF

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PDF

Designing Interactions for Robot Active Learners  
PDF

Show more

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University of Oxford

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University of Cambridge

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# COMPARE VERSIONS

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