



JAPAN 2026






Moodle: Supporting all domains
~ STEM, Medicine, Languages and Beyond ~
February 27th-March 1st, 2026

**Shizuoka Institute of
Science & Technology,
Shizuoka Campus (M20)**
(2min walk from Shizuoka Station)



Event Details

Feb 27 - **Free** Workshops
Feb 28-Mar 1 - Main Program

-  **Attend** the **FREE** workshops to learn how to use Moodle.
-  **Join the villages** and network with like-minded people with knowledge and expertise about the topics that interest you.
-  **Get assistance** with any problems that are troubling you.
-  **Submit your work** of the past year to: "**Best Moodle Innovation Awards**" and "**Best Open Courseware Awards**."
-  **Catch up** on the latest research regarding Moodle and educational technology!

Keynote Speakers

Machiko S Yagi
Jichi Medical University
Medical Education Using Moodle: Learning Analytics and Instructional Design Through Nursing Education Practice



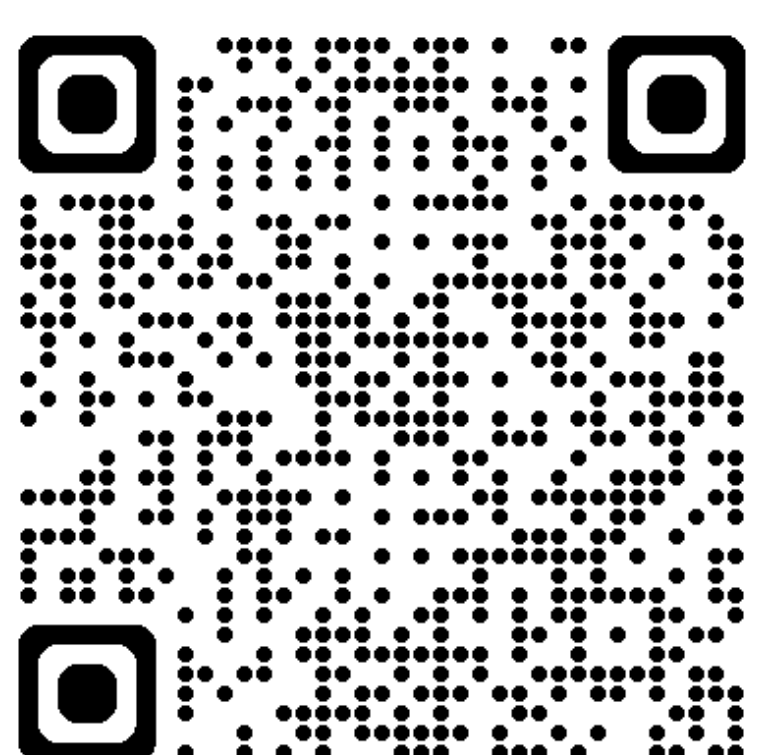
Yasuyuki Nakamura
Nagoya University
Experiencing STACK's Introduction, Popularization, and Establishment in Japan



Chris Sangwin
University of Edinburgh
What does artificial intelligence mean for automatic assessment of mathematics with STACK and Moodle?



Gina Alioto
Moodle HQ
Maximizing Moodle's Value Through Core Features: Rediscover the Rubric and Task-based Learning



MAJ Members - Free
Non-members - ¥10,000
◀ For more information
<https://moodlejapan.org>

Keynote Speakers

Chris Sangwin University of Edinburgh

What does artificial intelligence mean for automatic assessment of mathematics with STACK and Moodle?



Artificial intelligence (AI) systems have become widely used and very useful. AI is sometimes seen as a threat, especially if students use the technology to do work the teacher intended they would undertake themselves. In this talk I will discuss lessons learned from the introduction of previous technology into mathematics education (e.g. electronic calculators) and apply these lessons to contemporary AI. I will discuss how introduction of AI encourages us to focus on the goals of mathematics education. Lastly, I will talk about how the STACK project, the world-leading open-source online assessment for mathematics and STEM education, plans to make use of AI in the near future to support students, teachers and institutions.

Chris Sangwin joined the University of Edinburgh in 2015 as Professor of Technology Enhanced Science Education. His learning and teaching interests include digital educational technology and automatic assessment of mathematics using computer algebra. Chris has written a number of books, including "Computer Aided Assessment of Mathematics" and the popular science book "How Round is Your Circle", which illustrates and investigates many links between mathematics and engineering using physical models.

Machiko S Yagi Jichi Medical University

Medical Education Using Moodle: Learning Analytics and Instructional Design Through Nursing Education Practice



The use of Moodle in medical education enables flexible, learner-centered instruction. This keynote provides an overview of how Moodle is utilized in healthcare education, with a particular focus on nursing education practices that integrate simulation-based learning. It also demonstrates how learning analytics can inform instructional design and enhance learner engagement. Ultimately, Moodle functions not merely as a learning management system but as a tool that supports data-driven educational improvement and reflective teaching practices in professional healthcare training.

Machiko S Yagi has been in her current position since 2023. After working as a nurse and university faculty member, studied simulation-based education at the SimTiki Simulation Center, John A. Burns School of Medicine, University of Hawaii at Manoa. Certified Healthcare Simulation Educator® and U.S. Registered Nurse. Currently engaged in education and research on advanced practice nurse training.

Yasuyuki Nakamura Nagoya University

Experiencing STACK's Introduction, Popularization, and Establishment in Japan



STACK, one of Moodle's question type plugins, is a system capable of automatically evaluating answers entered as mathematical expressions. By utilizing its Potential Response Tree mechanism for evaluation, it enables not only simple pass/fail assessment but also partial credit scoring to infer learners' understanding. By 2025, STACK has been 20 years since its initial release as a standalone system and 15 years since its Japanese localization. As someone who has observed STACK's development during this period, I would like to reflect on its journey thus far. Furthermore, based on STACK's unique characteristics, I will present examples of answer data analysis undertaken by the presenters.

Yasuyuki Nakamura has held his current position since 2023. His specialties include educational technology, physics and mathematics education, computational and statistical physics, and more. Yasuyuki has written books about technology-enhanced education focusing on mathematics e-learning especially using STACK and CBT for high school mathematics and science teachers.

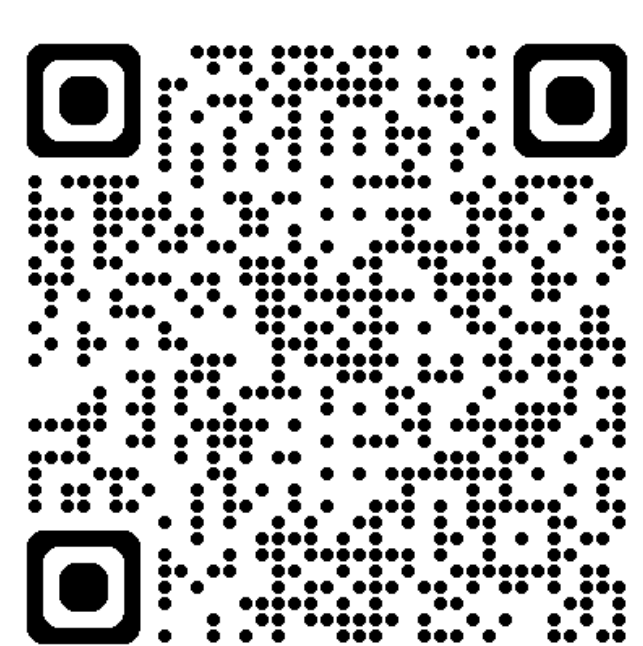
Gina Alioto Moodle HQ

Maximizing Moodle's Value Through Core Features: Rediscover the Rubric and Task-based Learning



Recent research by Moodle HQ, focused on user experiences across Secondary and Higher Education, has consistently revealed a critical need to reacquaint Moodle users with existing features and their potential for impact on learners and learning outcomes. This presentation addresses that need by exploring how to leverage Moodle core features to effectively support advanced teaching and learning methodologies, including Task-Based Learning (TBL), Competency-based assessment and robust rubric design in language instruction and beyond. By grounding these discussions in the platform's enduring capabilities and hinting at developments in future releases, attendees will gain actionable insights into making the most of their current Moodle investment.

Gina Alioto is a Product Manager based in Barcelona for Learning Experience at Moodle, with over 20 years of global experience in product, project, and delivery management. She is originally from the San Francisco Bay Area and has worked extensively with American, European, and Japanese teams, including at Midokura and in collaboration with Sony Semiconductor, building cross-cultural partnerships and user-centered solutions. She holds a Master's in Education for Secondary and Adult Education from the Universitat Pompeu Fabra and is fluent in English, Catalan, Spanish and Japanese.



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