MeTAH team
understanding foundations and developing
techniques for the design, development and
use of Technology-Enhanced Learning systems

Computer Science & Learning Sciences
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research work in blue, green and yellow

understanding how to design human-centred systems

how do learners use the system, and why?

what type of feedback best promotes learning?

how can we support learners’ activity?

what conceptions underlie the way students learn?

how can we support learning scenarios design, and tutoring?

what are the issues when defining learning settings?

Web Intelligence models to manage learning resources?

what are the cognitive issues when collaborating on-line?

interfaces adaptable to learners’ effective activity?

how can we diagnose and understand learners’ actions?

example of feedback diagnostic?

model (learning scenarios) transformations?

examples of topics/systems
✓ specific editor + intelligent support to build an experimental protocol
✓ tablet-based simulation + automatic feedback to teach mathematics
✓ logs analysis to help teachers monitor learners’ activities
✓ environment to support collaborative problem-solving
✓ ...

Artificial Intelligence (KBS, WI, ontologies), HCI, MDE, etc.