

ACTÉ: ACTIVITY, KNOWLEDGE, TRANSMISSION, EDUCATION



<https://acte.uca.fr>

The ACTé research laboratory (Activity, Knowledge, Transmission, Education) is a research unit (UR No. 4281) at Clermont Auvergne University specialising in Education and Training Sciences and in Sciences and Technology of Physical Sports Activities.

The laboratory's research activities aim to produce new knowledge and develop solutions in support of the partners with whom ACTé collaborates. These activities are structured around four research topics.

The first topic, "Situations of knowledge transmission and learning", examines the activities of educational actors entrusted by society with the task of passing down knowledge. The processes which characterise this activity remain largely unknown, both in terms of the social and especially language-based interactions underpinning it, and of the conclusions to be drawn. ACTé's researchers contribute scientific knowledge about these transmission activities by observing, identifying, characterising, analysing and categorising them.

The second topic, "Dynamics of asymmetrical interactions", examines the ways in which socially-agreed upon relationships are imposed – or not – within an institution, a collective, or as a result of positions of power. The aim is to better understand the nature and role of such asymmetries, as well as their dynamics in the course of interactions, whether in professional, sporting or artistic contexts. The general trend towards individualizing the worker's relationship with their activity undermines the use and development of collective resources.

The third research topic, "Professional development", studies the obstacles and levers to building skills in vocational training and/or work-related situations. The goal is to gain a better understanding of the relationship between workers' activities, their health and their performance. Indeed, it has been found that the publication of scientific results has not had a lasting impact on the behaviour of the professionals in the area of education, training and work.

The final research topic, "Design and evaluation of educational tools and resources", seeks to turn scientific findings into practice-based solutions. The main research aim is to develop tools that can play a positive role in the professional development of those involved in the field, usually in collaboration with them, and to evaluate the tools' impact on their practices.

SPOTLIGHT ON PROJECTS ...

Engaging Languages in Intercultural Virtual Exchange (E-LIVE)

The Erasmus+ project "E-LIVE" (2022-2024) examines the technical and pedagogical skills of language teachers relative to the design and implementation of virtual exchanges (telecollaboration projects). During these exchanges, learners interact and collaborate online with peers from other countries in the target language. The project is currently developing pedagogical scenarios for virtual exchanges which are being tested by trainee teachers from the project's partner universities and by students and their teachers from some 30 associated schools. The learning scenarios and training resources developed by E-LIVE (2021-1-NL01-KA220-SCH-000032600) are made available to the educational community.



Crédit : E-LIVE



Crédit : RAVEL

Erasmus+ Financé par l'Union européenne Ce projet a été financé avec le soutien de la Commission européenne

Designing work situations for the industry of the future

Several projects examine the integration of technologies, particularly in industry, and understand the impact they have on work. The projects focus on the emerging technologies likely to be deployed on a larger scale in the future, such as augmented reality and autonomous or collaborative robots. Researchers on these projects have analysed how project management and the results of such technological transformations have impacted the activity of various actors. In turn, they have created models of the use conditions and project management practices conducive to individuals' capacity for action, thereby drawing attention to the quality of project results, their value and appeal from a health and performance perspective. These models' value in supporting system design is also studied.

These projects are carried out at the International Research Centre "Innovative Systems for Transportation and Production" affiliated with I-SITE CAP 20-25 and the FACTOLAB joint laboratory, often in collaboration with other UCA research laboratories: the Social and Cognitive Psychology Laboratory (LAPSCO, UMR 6024 CNRS/UCA) and the Technology and Information Systems Research Unit for agro-systems at the INRAE.



Regulatory developments in Rugby Union since 1987. Between practical innovations and historical contingencies: disruptions and continuities

As part of the "Sports and Societies" program run by the French national network of Maisons des Sciences de l'Homme (RnMSH), the Rules Story project brings together researchers from the ACTé Laboratory and the Centre d'Histoire Espaces et Cultures (CHEC, UPR 1001/UCA). It aims to understand the major regulatory changes in rugby since the first World Cup in 1987. It considers both the practical innovations that these changes have sought to regulate and the social context that supports them. In particular, it aims to identify the continuities and disruptions that result from, and have caused, changes to rugby rules, as well as the convergences and tensions between rugby culture and the social representations of the sport in society at any given time. To study changes to game rules in-the-making, the Rules Story project examines rugby practices, integrating both the viewpoint of different protagonists at different points in time and the immediacy of the play-action and the refereeing, and includes public debates and institutional deliberations.



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KEY STATISTICS

68 STAFF

- 36 RESEARCH PROFESSORS
- 25 PHD STUDENTS
- 2 POST-DOCS
- 4 RESEARCH ENGINEERS
- 1 MANAGER

60 ASSOCIATED MEMBERS

CONTRACTS

- 3 CIFRE PHD'S
- 3 ANR-FUNDED PROJECTS
- 17 CONTRACTS WITH SOCIAL AND ECONOMIC PARTNERS

1 "EDUCATIONAL SPHERE" COLLECTION PUBLISHED BY PUBP

Two federative structures

The UNESCO Chair and WHO Global Health & Education Centre aims to contribute to social change and improving the health of children and young people. Its vision combines knowledge about health-related factors and target populations' social and cultural practices. It thus leads to a balanced approach between instigating action on life ecosystems and developing capacities through information and education

University Clermont Auvergne works with the French Football Federation (FFF), French Rugby Federation (FFR) and local authorities at the University Centre for Expertise, Research and Training in Sports Refereeing. The Centre promotes and develops knowledge about sports refereeing through university training programs and by disseminating research in this field.

