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Firma Invitada: *LUC TROUCHE*



In previous years my research has been dedicated to the study of ICT integration in Mathematics Education. In particular, I have studied the interplay between instrumentation processes and conceptualization processes. This work inspired me to study in particular the teacher's role, introducing the notion of orchestration to model the management of available artefacts (for teaching a particular mathematical topic) in the classroom, and developing this concept in a joint work with Paul Drijvers. Now my focus is resource design and teacher professional development in the time of digitalization. This has led me to introduce, in a joint work with Ghislaine Gueudet, the documentary approach of didactics. With this frame I analyse teacher learning through the 'lens of resources'. In this perspective, the notion of teacher resource system appears crucial in order to understand teacher (developing) knowledge and the coherence of teacher activity.

Breve CV

Luc Trouche est professeur de didactique des mathématiques à l'Institut Français de l'Éducation (Ecole Normale Supérieure de Lyon, France). Il s'est intéressé aux processus d'intégration des technologies dans l'enseignement des mathématiques avant de se consacrer à l'étude des interactions entre les professeurs et les ressources de leur enseignement.

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