

Three Clermont university research laboratories and the Michelin Group set up a joint R&D laboratory - FactoLab

The Institut Pascal*, Lapsco and Limos*** are joining forces with the Michelin Group to create FactoLab, a public- private laboratory dedicated to the industry of the future.**

FactoLab is implementing a medium and long-term research and development program focusing on man-machine cooperation, particularly in the fields of cobotics and new digital technologies. The aim is to develop collaborative robots and connected devices for production operators in order to eliminate some of the physically arduous or stress-causing tasks and thus improve working conditions. This program will extend and expand on the first experiments in progress on the Cholet site in France and the Valladolid site in Spain, the first results of which have proved positive.

FactoLab is governed by a steering committee, which approves the research program and supervises the work. It is composed of six members, three academic research representatives and three Michelin Group representatives. The operational management of FactoLab is provided by Michel Dhome, CNRS research director and director of the LabEx IMobS³ **** and Colin-Yann Jacquin, head of R & D partnerships at Michelin. Initiated by LabEx IMobS³, the joint laboratory is under contract with the CNRS, the Université Clermont Auvergne and the SIGMA Clermont school of engineering.

For the partner public laboratories, FactoLab enriches cooperation by benefiting from a strategic application framework and the backing of a group with international visibility.

For the Michelin Group, the creation of FactoLab opens up the opportunity to work with the best researchers in the Auvergne-Rhône-Alpes region in fields such as cognitive sciences. It is part of a very active partnership strategy developed over several years to increase the Group's strength and speed of innovation.

*Institut Pascal : Université Clermont Auvergne, CNRS, SIGMA. **Le Lapsco: Université Clermont Auvergne, CNRS. ***Le Limos: Université Clermont Auvergne, CNRS, Mines Saint-Etienne. ****LabEx IMobS₃ : collaborative project resulting from the "Investissements d'Avenir", Laboratoire d'Excellence IMobS₃ brings together the expertise of the public laboratories in Clermont.

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