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<https://jmc2026.sciencesconf.org/>

E01:

Getting your research sober: how do you handle it?

Organizers: L. Bureau, G. Coupier, D. Débarre, E. Lorenceau and P. Marmottant
(Laboratoire Interdisciplinaire de Physique, Grenoble)

Invited Speakers: Julian Carrey (LPCNO, INSA Toulouse), François Debray (LNCMI, Grenoble)

Content:

Research, as most human activities, generates greenhouse gas emissions—through the purchase of equipment and direct energy consumption—as well as various types of waste, such as plastics and chemical pollutants.

A growing commitment to reducing this impact is emerging within laboratories, while at the same time questions are being raised about the potential consequences of the impact-reduction measures on the quality of research or working conditions.

Until recently, these questions and perspectives were confined to the private sphere, and for many researchers, they still lack legitimacy in the professional sphere. Given their recent emergence in the field of scientific practice, this mini-symposium aims to foster the emergence of a community of condensed matter researchers wishing to s their research practice more sober. Its goal is to facilitate the sharing of experiences and the questions that may arise from integrating this issue into our scientific work, but also to legitimate it within our community so that all members who are personally concerned about these issues can engage in this transition.

Specifically, this mini-symposium will highlight practical solutions implemented in laboratories. It covers all types of research, from laboratory experiments to projects using large-scale instruments, as well as numerical simulations. We welcome all submissions that present practical applications of these solutions—which often require ingenuity—as well as protocols for quantifying environmental impacts. Contributions focused on the choice of research topic are also welcome.