PREREGISTRATION TO NANOCAR RACE II

This preregistration is a declaration of interest to participate to the second edition of the Nanocar Race and is open to all teams engaged to respect the Nanocar Race II rules.

The preregistration for Nanocar Race II can be done exclusively by completing the following form, after having read carefully the preliminary rules described at [www.memo-project.eu](http://www.memo-project.eu).

TEAM

Name of the team, participants, address, and description of the team composition (physics, organic chemist, theory).

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SPONSORS

List of expected sponsors (private and public) covering the expenses of the team during the Nanocar Race II.

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EXPERIMENT

A very short description of the instrument (ambient, UHV) used by the team to drive its molecule-vehicle during the Nanocar Race II (already installed or not).

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REMOTE CONTROL

Conditions needed at the team site for remote control experiments from Toulouse (bandwidth, firewall, safety regulation).

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MOLECULE-vehicle

Description of the proposed molecular design (*i.e.* large molecule with wheels or small molecules with no wheels but paddles or wings, quantum motor) including a sketch of the chemical structure (the sketch should be included in the present document).

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MOTOR

The proposed motive power (for example: inelastic, dipolar, light…)

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ENVIRONMENT

Preferred environment (ambient conditions or LT-UHV) and preferred surface

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Please complete this document and save it on your own PC. The completed form should be sent as attachment in pdf or docx format to joachim@cemes.fr by email.

Deadline: 30th June 2018