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The open source PIC code SMILEI

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SMILEI is an open-source, particle-in-cell code. It is designed for high performances on super-computers and applied to a wide range of physics-related studies: from relativistic laser-plasma interaction to astrophysical plasmas. It is co-developed by both physicists and HPC experts. This poster presents the main structure of the code, its features, parallel performances and provide several example of scientific production.

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