

PRESS RELEASE

Nimes, September 27, 2022



Symétrie wins the Gold Micron at Micronora fair for its MAUKA hexapod

SYMETRIE received the Gold Micron in the "Microtechnical equipment on production or laboratory machines" category at Micronora exhibition on September 27, 2022 in Besancon, France, for its MAUKA hexapod, an innovative low-profile positioning system.

The Gold Microns and Nano competition rewards the most innovative products, presented for the first time at Micronora, the major trade fair in the microtechnology and precision sector in Europe.

The trophy was awarded to the two co-founders of SYMETRIE, Olivier Lapiere, President, and Thierry Roux, CTO, by Jean Verillac, Director of Business and Engineering at Banque Populaire de Bourgogne-Franche-Comté, official partner of the Gold Microns and Nano competition.

Olivier Lapiere declared "We are very honored to receive this prize, it provides the recognition of the quality of our products, which is the fruit of the work and perseverance of all our employees. »

The MAUKA hexapod can position loads up to 5 kg with a resolution of 0.5 μm in translation and 5 μrad in rotation in the six degrees of freedom. Its small footprint of 107 mm makes it ideal for applications such as telescopes or optical instrumentation needing a small occultation.

To minimize its diameter, a hexaglide architecture where motors are mounted in line has been used, unlike a classic Stewart platform hexapod.

SYMETRIE is an innovative company specializing in high precision positioning and motion hexapods of all sizes for more than 20 years. A hexapod is a parallel kinematics robot with six actuators and two platforms: one fixed, one mobile.

SYMETRIE in a few words:

- 7 M€ turnover, an R&D department, 70% of engineers
- Major customers: Airbus Defence and Space, Leonardo, Naval Group, Rio Tinto, Safran, Thales, University of Hawaii, University of Western Australia...
- Large scale technological projects: Megajoule Laser; ground or space telescopes: DAG, DOT, JWST, NOEMA, OAJ and Pan STARRS 2; spacecrafts: BepiColombo, EnMAP, Euclid, Gaia, MPO, MTG, PLATO, Sentinel 5, synchrotrons: APS, the Australian Synchrotron, DLS, Elettra, ESRF, IHEP, KIT, LBL, LNLS, MAX-lab, PAL, PSI, RRCAT, SLAC, SOLEIL, SSRF...

Contact us for more information! Anne Duget - Tel: +33 4 66 28 87 20 - Email: anne.duget@symetrie.fr