planetum

PRESS RELEASE

The Prague Planetarium has reopened, boasting Europe's first LED planetarium which is set to transform the way people experience space

Prague, 5 June 2025 – Following a two-year renovation, the Prague Planetarium is reopening to the public with a transformed guest experience. The result of the modernisation project is the first fully digital LED planetarium in Europe and the largest in any planetarium worldwide, which ranks among the absolute best in the world in terms of quality. *"Visitors will find the experience to be truly unparalleled. Unanimously, all those to whom the system has been demonstrated have been astounded,"* says **Jakub Rozehnal**, director of Planetum. A press conference is scheduled to take place on Thursday, 5 June at 10:00 a.m. at the planetarium. The grand opening weekend for the public is scheduled for June 14 and 15, 2025.

A technological revolution under the dome

Powered by Cosm Technology, the Prague Planetarium upgraded its experience with a CX System LED dome display featuring approximately **45 million diodes** across more than 12,000 custom-designed panels. This new LED dome delivers a visually stunning representation of the universe, inviting audiences to experience the most immersive, top-quality astronomy simulations and scientific visualizations in the world. In comparison to traditional projectors, LED panels boast up to a **hundred times the light output**, enabling the creation of unparalleled contrasts and realism in planetariums. This innovative technology allows us to create the **illusion of a 3D experience even on a 2D surface** to transport guests entirely. In comparison with conventional projection systems, the new technology also has approximately **four times the service life**.

"Prague Planetarium has positioned itself as a global leader in immersive science and cultural experiences with the installation of Cosm's CX System LED dome technology," said Kirk Johnson, Chief Operations Officer at Cosm. "With the flexibility and visual quality of CX System, the planetarium has unlocked a new level of visual depth, clarity, and realism that transforms how audiences engage with science, space, and culture. Driven by the forward-thinking leaders at Prague Planetarium, this extensive modernization sets an international benchmark for what planetariums can deliver - one that will influence institutions around the world for years to come," said **Kirk Johnson**, Chief Operations Officer at Cosm, parent company of Evans & Sutherland.

Renovation in numbers

The total investment amounted to **CZK 300 million (USD 12.5 million)**, of which approximately CZK 200 million was spent on the construction of the dome and LED technology. The remainder of the budget was allocated to construction work related to the **expansion and modernisation of visitor facilities**, as well as the modernisation of the ventilation and heating systems. The project was financed from the budget of the **City of Prague**, Planetum's founder.

"Thanks to this successfully executed investment, Prague is gaining a projection space unlike any other in Europe. This center will serve not only to popularize space sciences, but also to support broader education and cultural events," says **Daniel Mazur,** Prague Councillor for Smart City, IT, Science and Research.

Press conference

Press conference has been scheduled for **5 June 2025 at 10:00 a.m.** The following individuals will be speaking at the press conference:

- **Bohuslav Svoboda**, Mayor of Prague
- **Daniel Mazur**, Prague Councillor for Smart City, IT, Science and Research.
- **Kirk Johnson**, Chief Operations Officer at Cosm, parent company of Evans & Sutherland
- **Jakub Rozehnal**, General Director of Planetum
- **Martin Fuchs**, Art Director of Planetum
- **Krištof Hanzlík**, architect and designer

The programme will include live demonstrations of the new LED dome system and a tour of the foyer with its new panoramic LED wall.

Opening to the public – June 14 and 15

The weekend programme has been tailored to the expected level of interest. A **special 20-minute experiential session** has been prepared and **will run repeatedly throughout the day**. Visitors will have the opportunity to view a simulation of the night sky and a demonstration of the new technology's capabilities. On Saturday, the

planetarium will participate in **Prague Museum Night** and will remain open until late in the evening.

Tickets for this special weekend are available at the price of **CZK 100 (USD 4)**, while **regular admission is CZK 289 (adults, USD 12)** and **CZK 219 (children, students and seniors, USD 9)**. A programme for school groups will be available for CZK 140 (USD 6).

Kontakt pro média

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