

GIST hosts '2025 Honam Mathematical Society International Conference' to celebrate the establishment of the Department of Mathematical Sciences

- About 130 domestic and international mathematicians and major students attended to commemorate the opening of the newly established GIST Department of Mathematical Sciences this year... Opening a forum for mathematical research exchange through sharing the latest research results in harmonic analysis and number theory and presenting in-depth research
- President Kichul Lim, "GIST aims to be an academic community leading the future through the convergence of mathematics and science"... GIST will also host the 80th anniversary academic conference of the Korean Mathematical Society in 2026



▲ GIST held the '2025 Honam Mathematical Society International Conference' for three days from Thursday, June 19 to Saturday, June 21 on the GIST campus, and attendees are taking a commemorative photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that it successfully held the '2025 Honam Mathematical Society International Conference' on the GIST campus, including the Natural Science Building and Oryong Hall, for three days from June 19 (Thu) to 21 (Sat).

This conference was held to commemorate the opening of the GIST Department of Mathematical Sciences (Chairman Chi-Ok Hwang) that was newly established in February of this year. It was hosted by the Honam Mathematical Society (HMS) and organized by GIST, and sponsored by the Korean Mathematical Society (KMS), the National Research Foundation of Korea (NRF), Chonnam National University Global Basic

Research Lab (Langlands Program and Analytical Number Theory, LFANT), Chonbuk National University Institute of Pure and Applied Mathematics (IPAM), and Kyungmoon Publishing.

About 130 prominent mathematicians and students from Korea and abroad attended the conference, sharing the latest research results in various fields of mathematics and broadening the scope of academic exchange.

This event featured active presentations and discussions in various fields such as algebra, analysis, geometry, topology, mathematics education, and industrial and applied mathematics. Special sessions on 'harmonic analysis' and 'number theory in dynamics and geometry' were also held, leading to in-depth research presentations and collaborative discussions.

In particular, GIST Visiting Professor Hong-Jong Kim introduced the spirit and value of mathematics to the general public through a public lecture on the topic of 'harmony.'

President Kichul Lim emphasized, "GIST aims to be an innovative academic community that will lead the future of humanity through the convergence of mathematics and science, and the launch of the Department of Mathematical Sciences will be an important stepping stone to realize that vision."

He continued, "I hope that GIST will establish itself as a center for global academic exchange through this international academic conference, and we will continue to lead the convergence of mathematics and science in the future."



▲ GIST President Kichul Lim is giving a speech at the '2025 Honam Mathematical Society International Conference'.

Meanwhile, GIST plans to focus on strategic basic research in the field of mathematics that will support future technologies, such as pure mathematics theory, ▲ mathematical foundations of AI and applications,

▲ research on AI original theories, centered around the newly launched Department of Mathematical Sciences. Based on this, GIST plans to expand convergence research that connects basics and applications, and continuously strengthen international joint research.

In addition, next year, which will be the 80th anniversary of the founding of the Korean Mathematical Society, GIST plans to further strengthen cooperation and academic networks with the domestic mathematics community by hosting the Korean Mathematical Society conference hosted by the Korean Mathematical Society.

