MTH Seminar

Magnetic Quivers and Physics at Strongly Coupled Quantum Field Theories

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October 21, 2021(Thu) 16:00~17:15
Zoom Link:
https://unist-kr.zoom.us/j/86299672856
(Mathematical Sciences Seminar, October 21)
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Supersymmetric gauge theories are an excellent medium for studying problems in both mathematics and physics. Quiver gauge theories experienced a breakthrough in activity through two important concepts, called magnetic quivers and Hasse (phase) diagrams.

The first helps understanding the physics of strongly coupled gauge theories and exotic theories with tensionless strings. The second gives an invaluable information about the phase structure of gauge theories, in analogy with phases of water. The talk will review these developments and explain their significance.