

Robustness of Hawking radiation and black hole analogues

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After a brief introduction into the basics of black hole analogues, this talk will be devoted to the robustness of Hawking radiation -- what we can learn about its mechanism of creation and its dependence (or independence) on the microscopic details of the underlying theory from considering black hole analogues.

The conclusions could be relevant for the black-hole information "paradox" because some of the proposed resolutions suggest that the information leaks out of the black hole via Hawking radiation and is imprinted on the emitted photons at the horizon.