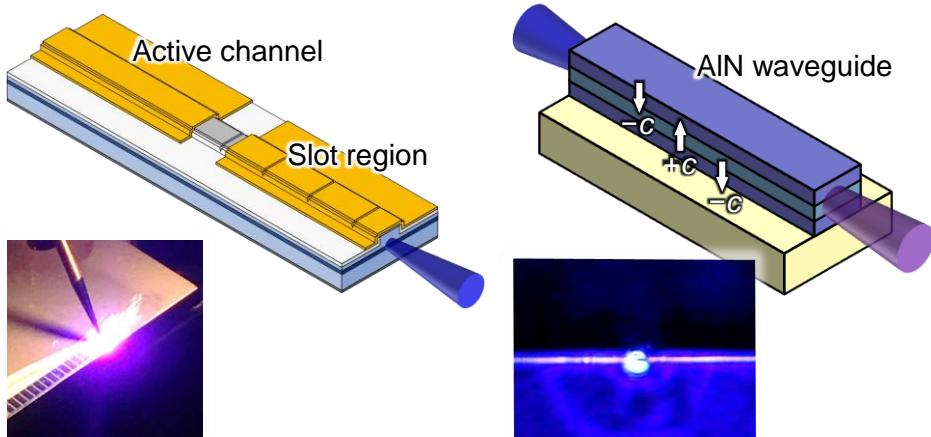


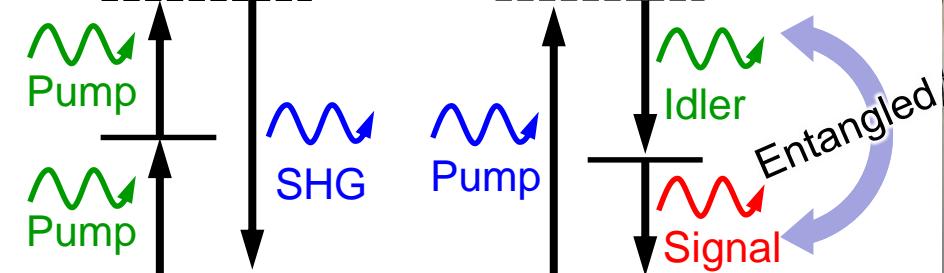
Quantum Photonics Area, Ryuji KATAYAMA Lab. www.qoe.eei.eng.osaka-u.ac.jp

For application to big data analysis and AI required in ICT- and IoT-based society, we are developing various types of quantum photonic devices and system such as deep-ultraviolet laser, quantum light source, and quantum computer.

Laser integrated quantum light source



Second Harmonic Generation Device



Prof.

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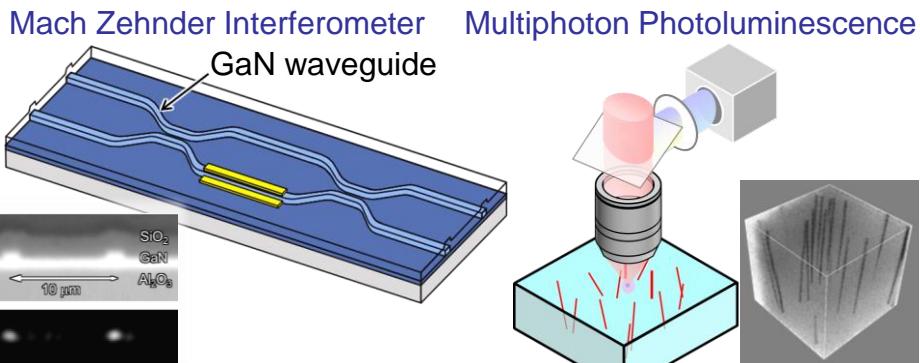
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Novel nonlinear optical materials/devices



Equipment

Metalorganic vapor phase epitaxy



Growth/ Process/ Characterization

E-beam lithography

