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## **Electromagnetic counterparts of neutron star mergers**

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Besides canonical GRBs and kilonovae, neutron star mergers may be accompanied by different electromagnetic counterparts including: (1) precursors, (2) repeating outbursts from the merger product before its collapse into a black hole, and (3) unusual late GRB if the collapse is delayed by days. Physical mechanisms for the pre-merger and post-merger bursts will be discussed. Their detection would shed light on the magnetic fields pre-existing in the binary and generated by the merger.

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