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We are delighted to announce the launch of *Optoelectronics* (ISSN: 3043-1700) [1], a new international, peer-reviewed, open-access published quarterly online by MDPI.

As artificial intelligence and cloud computing continue to drive an unprecedented demand for bandwidth and energy efficiency, traditional electronics face growing physical bottlenecks. Optoelectronics overcome conventional electronic bottlenecks by using photons instead of electrons to route data, delivering higher bandwidth, lower latency, and reduced heat dissipation. This rapidly evolving field has seen global expansion, with China emerging as a prominent research hub. China hosts numerous world-class institutions and national laboratories, including the Wuhan National Laboratory for Optoelectronics [2], the State Key Laboratory of Optoelectronic Materials and Technologies (Sun Yat-sen University) [3], and the Semiconductor Institute Section of the State Key Laboratory of Integrated Optoelectronics [4].

MDPI already publishes highly regarded journals in related domains, including *Electronics* [5], *Photonics* [6], *Optics* [7], and *Microelectronics* [8]. The rapid convergence and interdisciplinary scope of optoelectronics necessitate a dedicated publication platform. The one-word journal title “Optoelectronics” is available for use, and we propose launching it as a sister journal in our portfolio.

We warmly invite researchers, engineers, and industry professionals worldwide to submit their work to *Optoelectronics* and help shape the future of light-based technologies. We look forward to welcoming your contributions.

Conflicts of Interest: The authors declare no conflicts of interest.

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