

Nanowire LED devices – Old technology pushed to new limits

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In this presentation we will review the basics in the galloping nanowire research and technology. From the accidental discovery of the first “nanowires” until today’s precise manufacturing, nanowires have been one of the most promising fields of Solid State Physics for providing immediate applications. We start from the structure of the nanowire, analyzing some of the basic factors to its growth and follow the development of modern technics in nanowire processing. In the end, using the example of NW LED devices we see how old ideas earn new attention in the 21st century.

