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Wide tunable nanosecond OPO based on LiInSe₂, A.Tyazhev, G.Marchev, V.Petrov, *Max-Born-Inst. for Nonlin. Optics, Germany*, V.Vedernyapin, A.Yelisseyev, S.Lobanov, L.Isaenko, *Inst. of Geology and Mineralogy, Russia*, D.Kolker, *Novosibirsk State Tech. Univ., Russia*, J.-J.Zondy, *Inst. National de Métrologie, France*.
We are reporting about demonstration of nanosecond OPO based on LiInSe₂ crystal pumped by Nd:YAG laser. Wide tuning range was obtained in MID-IR region from 4.7 to 8.7 μm .