

SEMINAIRES DE LA BRANCHE PHYSIQUE



Batiment J3 - Fort de Palaiseau - 91120 Palaiseau

Salle J. Dorey
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New frontiers of middle-infrared lasers based on
transition metal doped II-VI semiconductors.

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Abstract: Recent advances in Cr^{2+} and Fe^{2+} doped mid-IR polycrystalline, hot-pressed ceramic, powders, powders in the liquid suspension and polymer-film, and quantum dot laser materials fabrication and lasing under optical excitation are presented. First steps towards achieving a direct electrical excitation are demonstrated.

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