



**titre:**

*A coparative study between BGaN layers grown on  
GaN/Al<sub>2</sub>O<sub>3</sub> and AlN/Al<sub>2</sub>O<sub>3</sub> by MOVPE*

**auteur :**

M. BOUCHAOUR, N. MALOUI, G. ORSAL, S. GAUTIER, S. GAUTIER , A. OULD-ABBAS , N.E. CHABANE SARI , A. OUGAZZADEN

**Résumé :**

III-nitride wide band gap semiconductors ( GaN, AlN, and InN) have recently attracted considerable interest

**Mots clefs :**

BGaN, GaN/ Al<sub>2</sub>O<sub>3</sub>, AlN/Al<sub>2</sub>O<sub>3</sub>, SEM, AFM, XRD,MOVPE

**Source :**

INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS FOR PHOTONICS, SENSING AND ENERGY CONVERSION APPLICATIONS