

Session Program

17-22 Jun 2018



15th European Vacuum Conference (EVC-15)
Electronic Materials & Processing

Friday 22 June

09:30

Electronic Materials & Processing

Session | **Location:** CICG, Room 3 | **Convener:** Agnė Žukauskaitė

09:30–10:10

ScAlN: A novel piezoelectric material

Speaker

Oliver Ambacher

10:10–10:30

Thermal expansion coefficient and elastic modulus of reactive pulsed-DC magnetron co sputtered piezoelectric AlScN thin films

Speaker

Yuan Lu

10:30

10:50

Electronic Materials & Processing

Session | **Location:** CICG, Room 3 | **Convener:** Agnė Žukauskaitė

10:50–11:10

Hetero-epitaxial AlN grown for GaN-power devices

Speaker

Dr Dominik Jaeger

11:10–11:30

Transferable nanoporous Ca₃Co₄O₉ thin films for wearable thermoelectric applications

Speaker

Dr Biplab Paul

11:30–11:50

Effect of Carrier Doping of InAs Quantum Dots on the Performance of QD Intermediate-Band Solar Cells

Speaker

Prof. Yoshitaka Okada

11:50–12:11

Effect on the electrical and morphological properties of Bi incorporation into ZnO:Ga and ZnO:Al thermoelectric thin films

Speaker

Mr Paulo Babo Salvador

12:30