

第9回 GMSI イブニングセミナー

**Development of Multifunctional Nanocomposite Coatings
using Pulsed Close-Field Unbalanced Magnetron Sputtering**

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要旨

Pulsed Close-field Unbalanced Magnetron Sputtering and Modulated Pulse Power Plating technologies have revolutionized thin film deposition. In the present study, nanocomposite binary (TiC-a:C), quaternary (Ti-B-C-N, Cr-Al-B-N) and quinary (Ti-Si-B-C-N) multicomponent coatings were deposited using pulsed closed unbalanced magnetron sputtering (P-CFUBMS) from both elemental and composite targets. 他 米国の大学の様子

