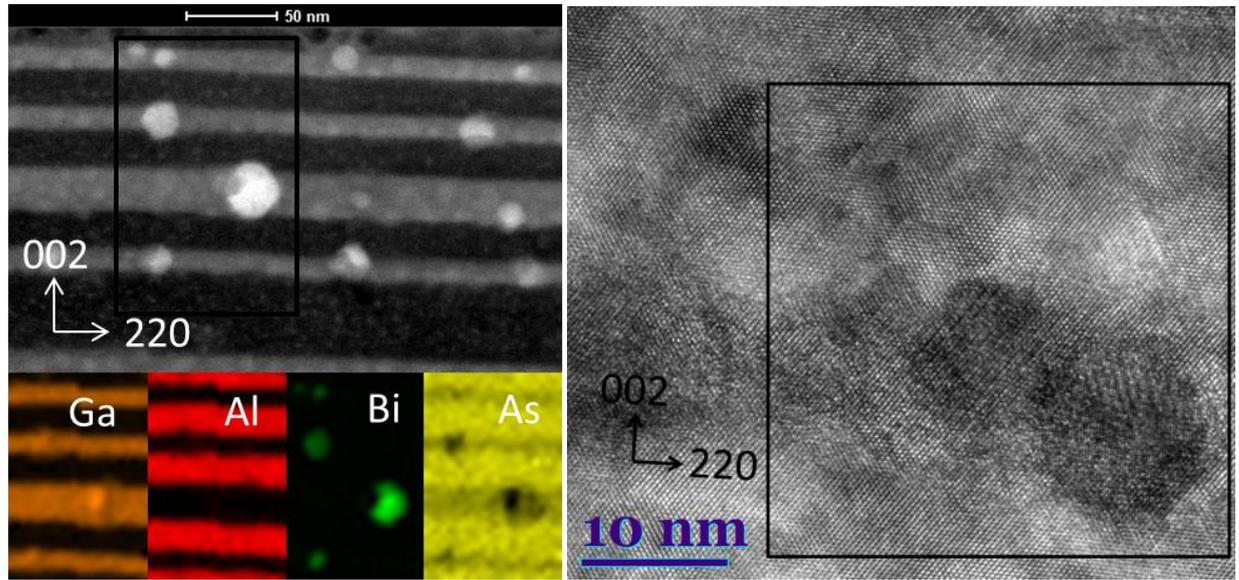
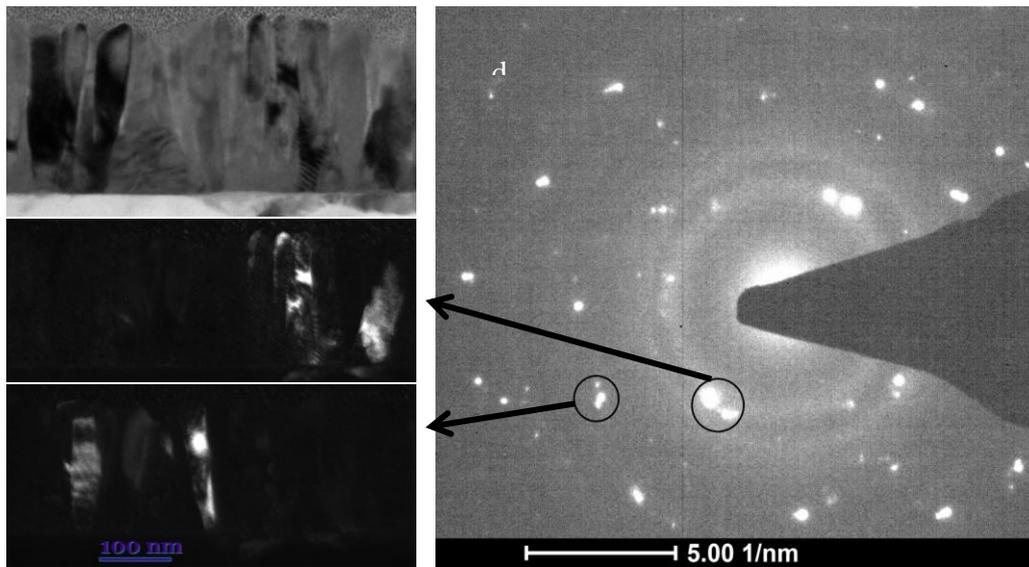


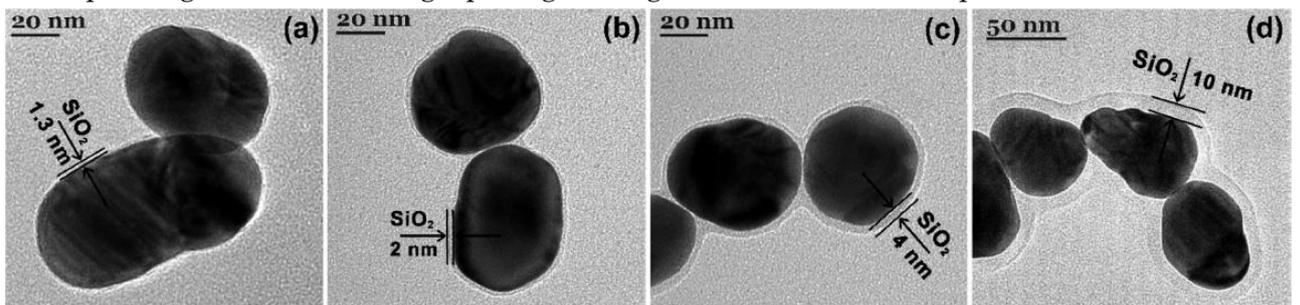
Samples of results obtained using Tecnai 20G at LITEXBEAM.



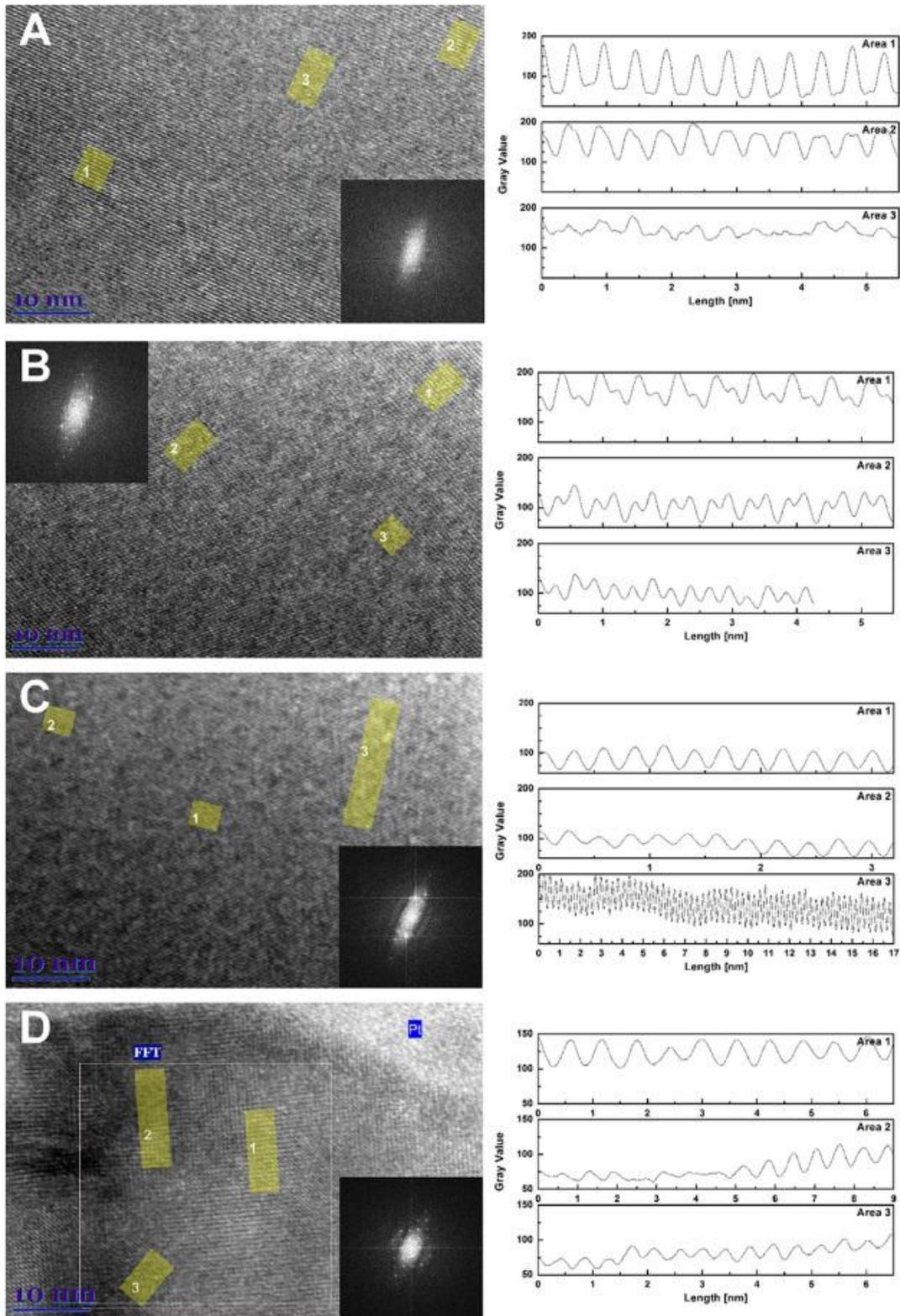
STEM micrograph of GaAsBi-AlAs layered structure and corresponding elemental maps below (left image). HRTEM micrograph of Bi nano-droplet [1].



Bright field image (left top) and dark field images of 110 and 202 reflections (left lower) and corresponding diffraction micrograph (right image) of La-Sr-Mn-O sample [2].



HR-TEM images of Au@SiO₂ (50 ± 5 nm) after different heating times in the SiO₂ layer preparation step: (a) 20 min, (b) 40 min, (c) 60 min, and (d) 80 min. [3].



TEM high resolution images with FFT image as inset and the dependence of the grey value of pixel on the distance at local area (on the right), respectively: YAG:5%Eu³⁺ (A), YAG:30%Eu³⁺ (B), YGG:5%Eu³⁺ (C) and YGG:30%Eu³⁺ (D) [4].

References

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