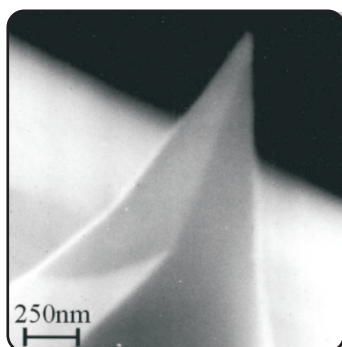


MICRO AND NANOTECHNOLOGIES BULLETIN

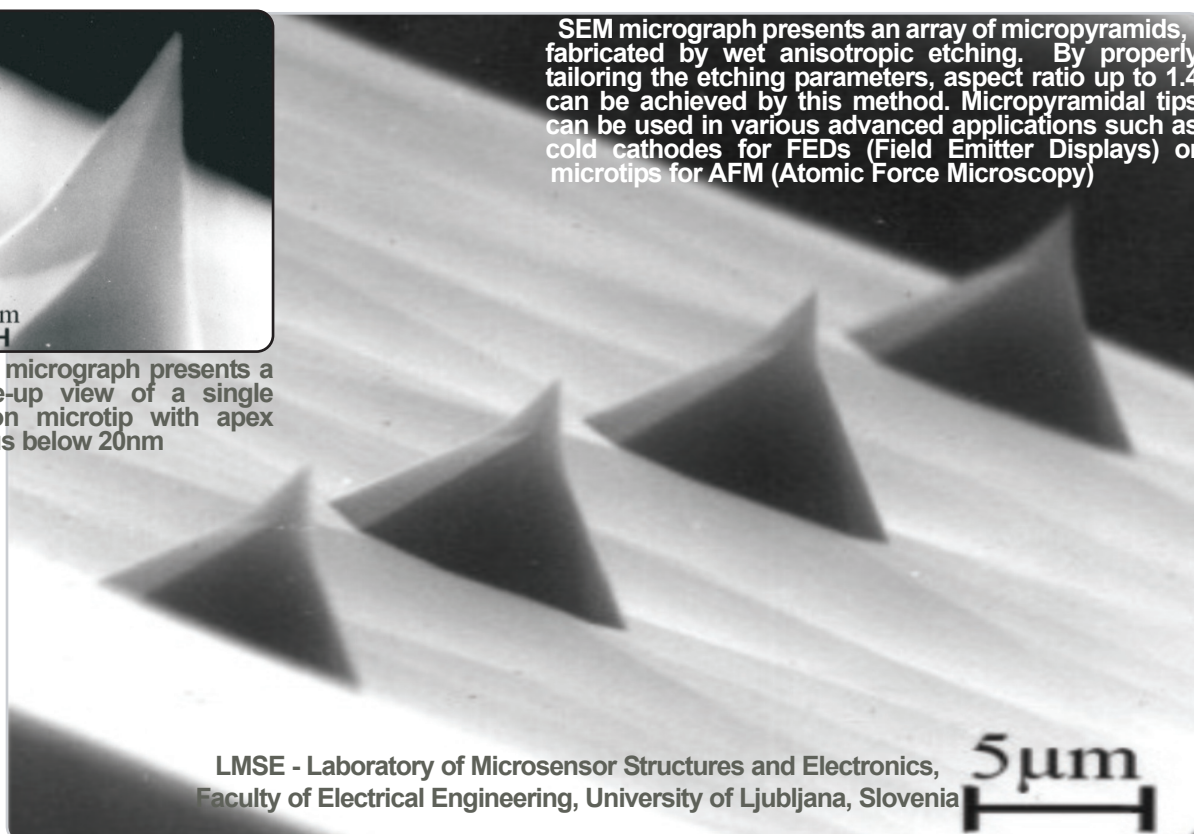
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SEM micrograph presents a close-up view of a single silicon microtip with apex radius below 20nm

SEM micrograph presents an array of micropylamids, fabricated by wet anisotropic etching. By properly tailoring the etching parameters, aspect ratio up to 1.4 can be achieved by this method. Micropylamidal tips can be used in various advanced applications such as cold cathodes for FEDs (Field Emitter Displays) or microtips for AFM (Atomic Force Microscopy)



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Contents

- ❑ Activities of networks of excellence financed by the European Commission: pages 2, 3
 - ❑ Romanian virtual centre for research in nanobiotechnology: pages 6, 7
 - ❑ Exemples of resources and results in micro and nanotechnologies in Slovenia (page 1), Poland (page 4), Romania (pages 5-7), Lithuania and Turkey (page 8)
 - ❑ Recruiting new participants from Eastern Europe for projects financed from the 6th Framework Programme: page 12
 - ❑ Strategy of the European Commission for nanotechnology: page 12
 - ❑ Romanian initiative in nanoscience and nanotechnologies launched with the participation of Director Ezio Andreta from the European Commission: pages 10, 11
- Photo:** Mr. Andreta presenting "Future of manufacturing in Europe and the role of nanotechnologies" (Chamber of Commerce and industry of Romania and Bucharest, 14th May 2004)



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