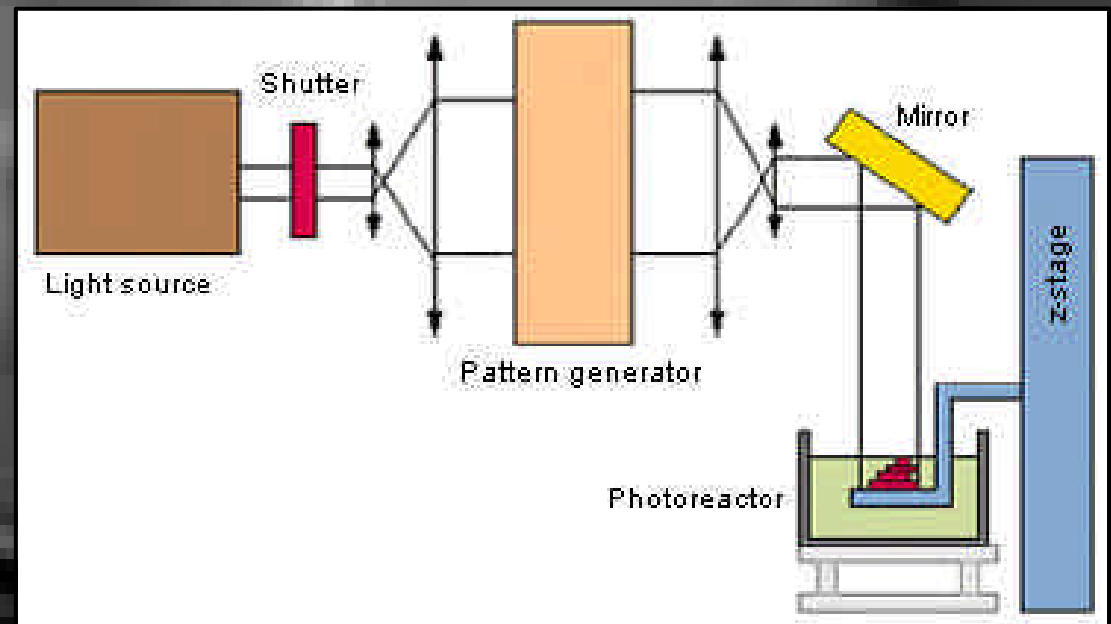
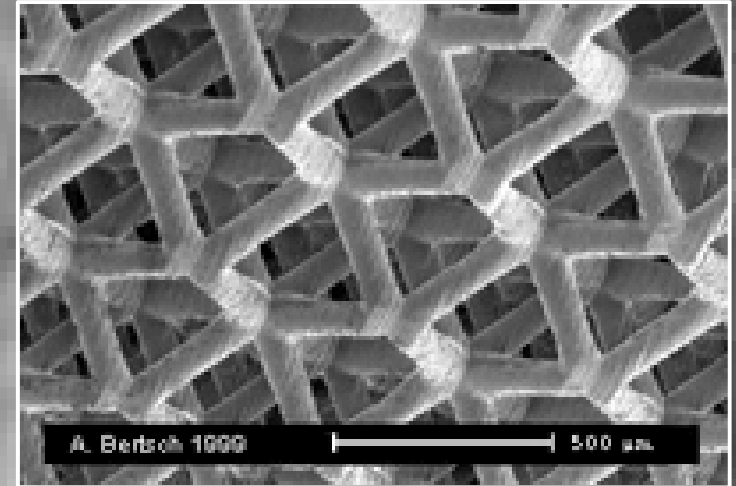


La MicroStéréoLithographie

Recherches

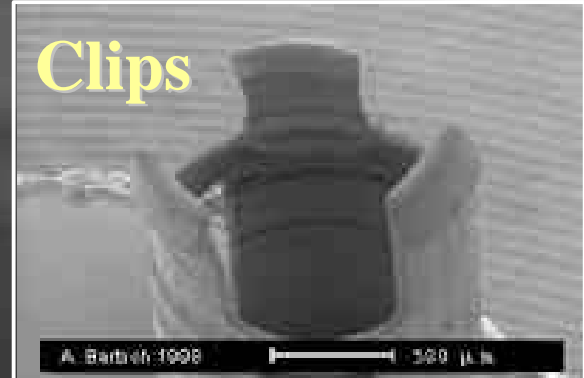
- Nouveaux polymères
- Procédés rapides de série
- Applications médicales, micro-robotique...



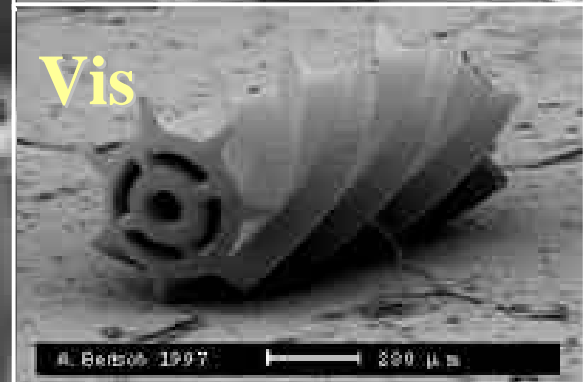
La Micro Mécanique



Clips



Vis



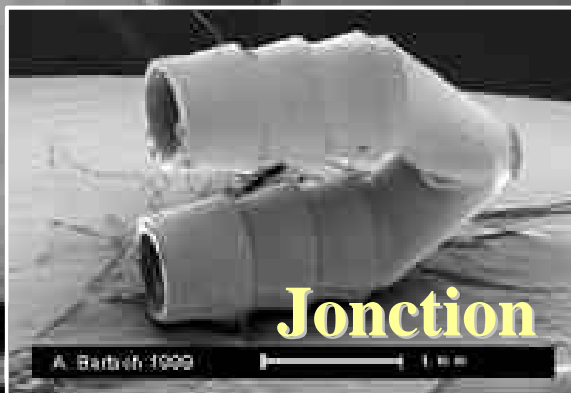
Engrenage



Pignon denté



Jonction



5KV

500 µm

0.00100

Cheval



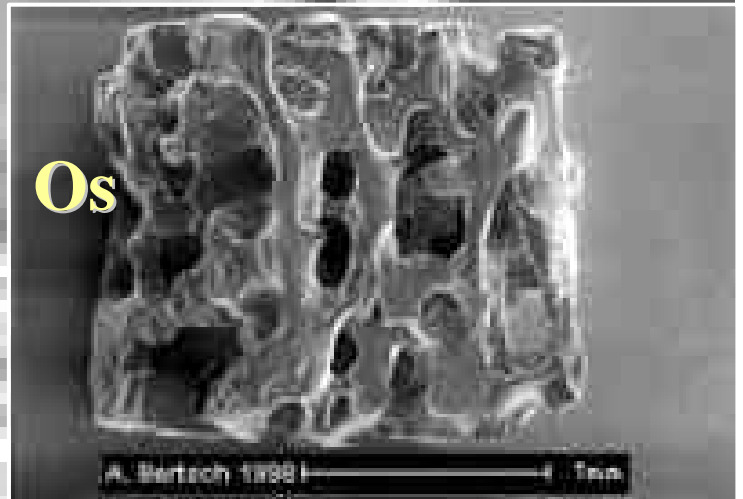
A. Bertsch 2001 | 12 mm

Voiture



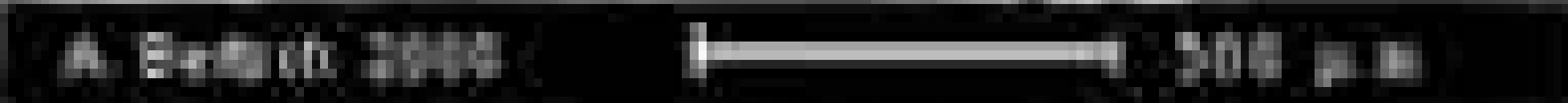
A. Bertsch 1999 | 1 mm

Démonstration μ SL

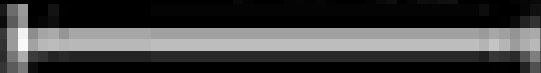


Os

A. Bertsch 1998 | 1 mm

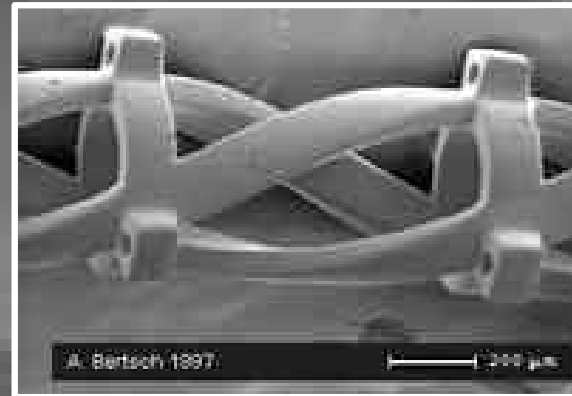
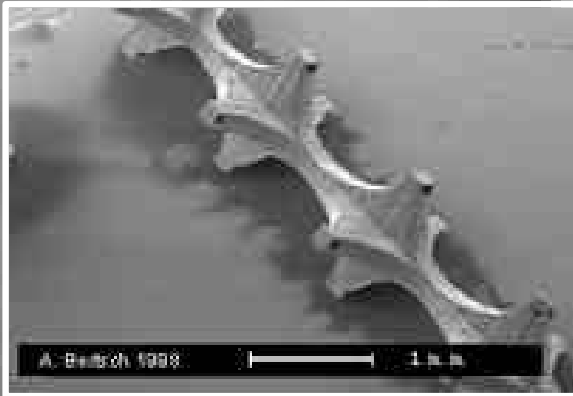


A. Bertsch 1999

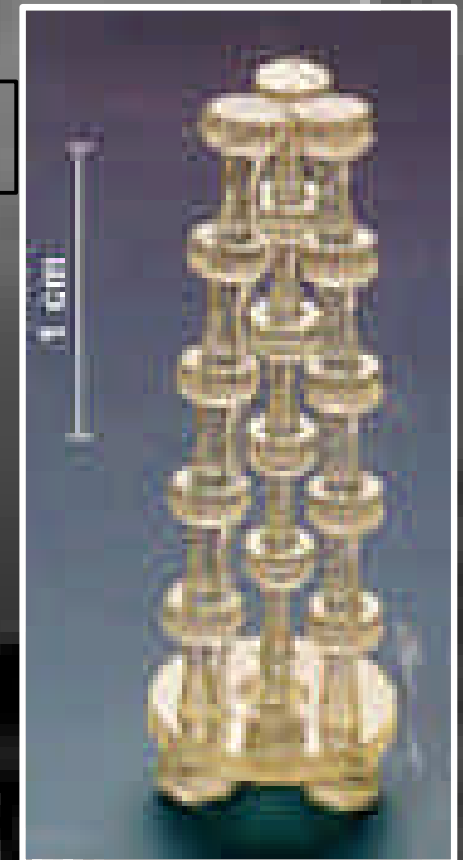
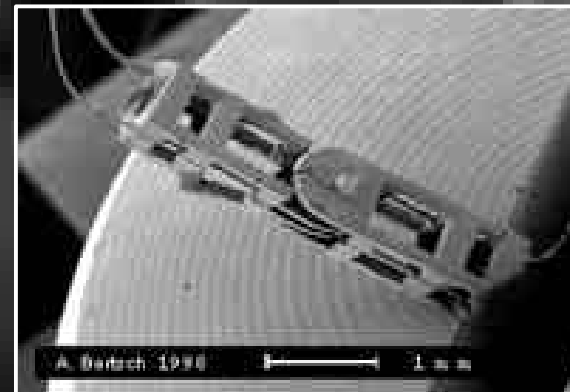


500 μ m

Application à la micro robotique



Structures articulées, ressorts, poutres déformables.



Contacts :

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(<http://dmtwww.epfl.ch/ims/micsys/projects/>)

GRAPP Nancy (ENSIC) *Serge MONNERET / Serge CORBEL*

(<http://www.ensic.u-nancy.fr/ENSIC/DCPR/grapp/spl/spl.html>)

5KU

X150

100µm

000106