

## Samenvatting IOP-project Poederstralen

### Publicaties:

Resultaten Poederstralen, IOP

<http://precisieportaal.nl/precisiematrix/details.aspx?id=835>

<http://precisieportaal.nl/precisiematrix/details.aspx?id=85>

Interview

<http://precisieportaal.nl/precisiematrix/details.aspx?id=702>

M. Achtsnick, *High performance micro abrasive blasting*, TU Delft 2005, ISBN 90-901-9594-7

[www.creamofscience.org/nl/page/repository.item/show?saharaIdentifier=tuddare:oai:tudelft.nl:328396](http://www.creamofscience.org/nl/page/repository.item/show?saharaIdentifier=tuddare:oai:tudelft.nl:328396)

M. Achtsnick, A.M. Hoogstrate, B. Karpuschewski, *Micro-Abrasief-Lucht-Stralen: opleving van een oude techniek*, de Constructeur, 41 6 (2002) 26-31

B. Karpuschewski, A.M. Hoogstrate, M. Achtsnick, *Influence of the nozzle shape on efficiency and surface quality during Micro-Abrasive-Air-Jetting*, ICMEN, 3-4 October 2002, Hallidiki, Greece, 263-272

M. Achtsnick, A. Holtsmark, A. M. Hoogstrate, B. Karpuschewski, *Design and testing of a venturi nozzle for Micro-Abrasive-Air-Jetting*, Implast 2003. (Ed. N.K. Gupta) 16-19 March 2003, New Delhi, India, 952 -962

A. Holtsmark, M. Achtsnick, A.M. Hoogstrate, B. Karpuschewski, *A Model based optimization of a line shaped Laval nozzle for Micro-Abrasive-Air-Jetting*, EuroSIME2003, 30 March - April 2 2003, Aix-en-Provence, France, 191-197

M. Achtsnick, J. Drabbe, A. M. Hoogstrate and B. Karpuschewski, *Erosion behaviour and pattern transfer accuracy of protecting masks for micro-abrasive blasting*, Journal of Materials Processing Technology, 149 1-3 (2004) 43-49

B. Karpuschewski, A.M. Hoogstrate, M. Achtsnick, *Simulation and Improvement of the Micro Abrasive Blasting Process*, Annals of the CIRP 51 1 (2004) 251-254

P.B. Turmezei, M. Achtsnick, J.R. Mollinger, A. Bossche, *SU-8 microfluidic platform design*. EUROSENSORS XVIII; 18th European conference on solid-state sensors (pp. 1-4). (2004)

M. Achtsnick, P.F. Geelhoed, A.M. Hoogstrate, B. Karpuschewski, *Modelling and evaluation of the micro abrasive blasting process*, Wear 259 (2005) 84-94

M. Achtsnick, A.M. Hoogstrate, B. Karpuschewski, *Advances in High Performance Micro Abrasive Blasting*, Annals of the CIRP 54 1 (2005) 281-284

M. Achtsnick, A.M. Hoogstrate, B. Karpuschewski, *Einfluss der Düsengeometrie auf das Arbeitsergebniss beim Mikro-Abrasivem Druckluftstrahlen*, Jahrbuch Schleifen Lappen Honen 2005

<http://precisieportaal.nl/precisiematrix/details.aspx?id=743>