



Innovative solutions for 3D X-ray Imaging



The world consist of crystals!



09

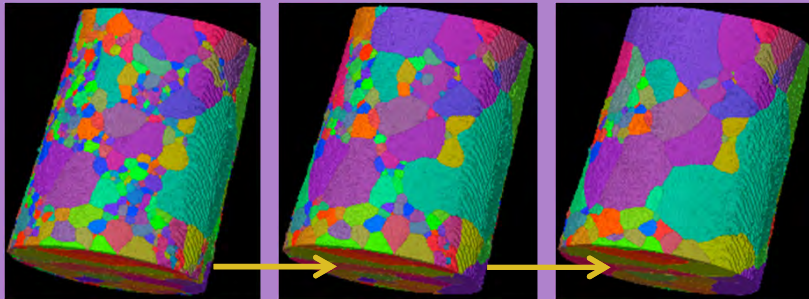
1.000.000.000.000 x



ESRF – Grenoble, France

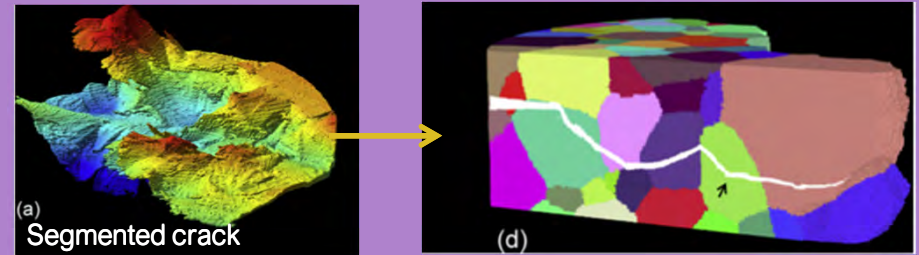


Grain growth

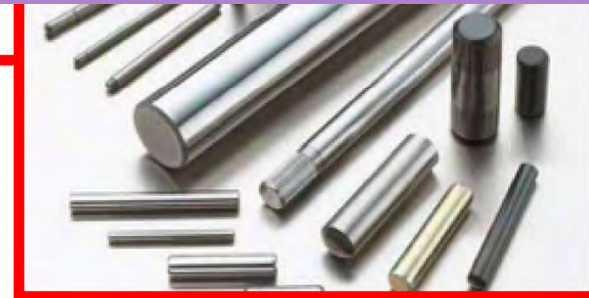


A. Johnson, E.M. Lauridsen, P.W. Voorhees et al.

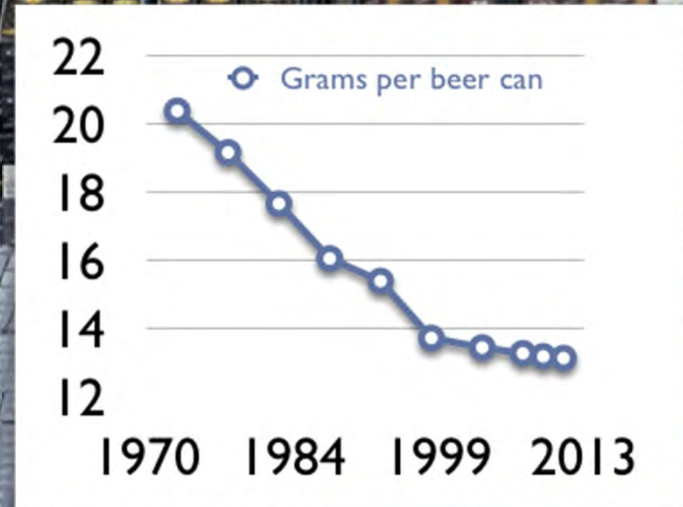
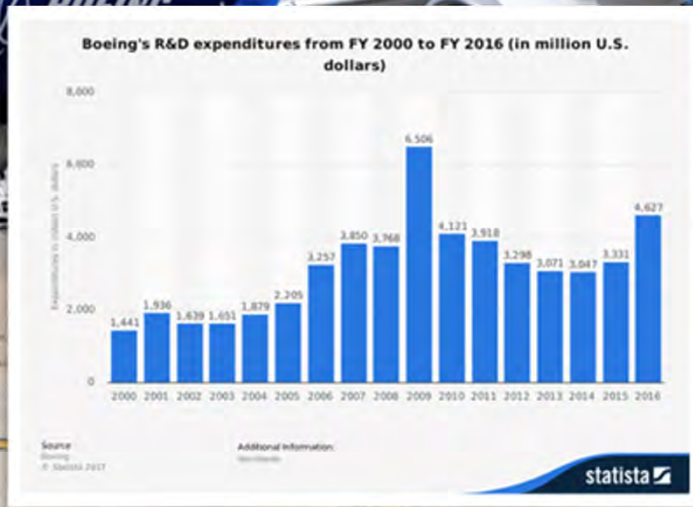
Crack Propagation



M. Herbig, A. King, P. Reischig, H. Proudhon, E.M. Lauridsen, J. Marrow, J-Y Buffiere, W. Ludwig, Acta Materialia 59 (2011) 590-601



Common for both airplanes and beer cans are the constant need for new and better materials to improve properties & reduce cost



Synchrotrons are great tools but...

Synchrotron



Business idea:



Size of laboratory micro CT scanner



APS — Chicago, USA

Xnovo history

Dec. 2012 – Xnovo is founded

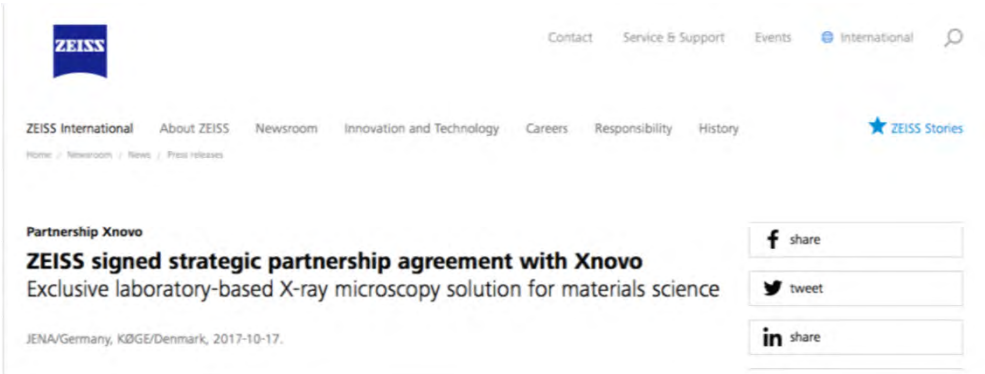
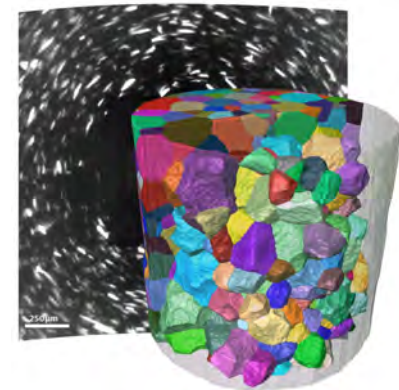
Apr, 2013 – Signed collaboration agreement with Carl Zeiss Microscopy

Dec. 2013 – Investment capital from Capnova

July 2015 – Launch of first product, GrainMapper3D, in collaboration with Carl Zeiss

Sept. 2017 – Renewal of strategic partnership agreement with Carl Zeiss

Oct. 2017 – Launch of GrainMapper3D v2.0

A screenshot of a news article on the ZEISS International website. The article is titled 'Partnership Xnovo' and 'ZEISS signed strategic partnership agreement with Xnovo'. The sub-headline reads 'Exclusive laboratory-based X-ray microscopy solution for materials science'. The article is dated 'JENA/Germany, KØGE/Denmark, 2017-10-17.' and includes social media sharing buttons for Facebook, Twitter, and LinkedIn. The website header includes navigation links for 'Contact', 'Service & Support', 'Events', and 'International', along with a search icon. A secondary navigation bar includes 'ZEISS International', 'About ZEISS', 'Newsroom', 'Innovation and Technology', 'Careers', 'Responsibility', 'History', and 'ZEISS Stories'. A breadcrumb trail shows 'Home / Newsroom / News / Press releases'.

The Xnovo team



The Xnovo team



Scientists & Software Specialists

9 PhD's

Physicists, Chemists,
Mech. Eng, Geoscience,
Software Eng. Etc.

The Xnovo team



Market / End Users



Future growth perspective

- The Global X-ray Inspection Market is experiencing strong growth (driven primarily by aerospace, automotive and micro-electronics)
- Xnovotech is working on several new products which will strengthen our market position and open up new market segments
- Our close collaborations with world leading university groups provide access to state-of-the-art technology which – together with our team of highly specialized experts – is the key ingredient to our continued success!

Number One Challenge:

Continuing attracting world leading experts to our team

- Scientists worry about:
 - Access to flexible housing
 - Language classes for the family
 - Job for spouses
 - Nice weather...
 - and whether or not they feel welcome!



xnovotech

