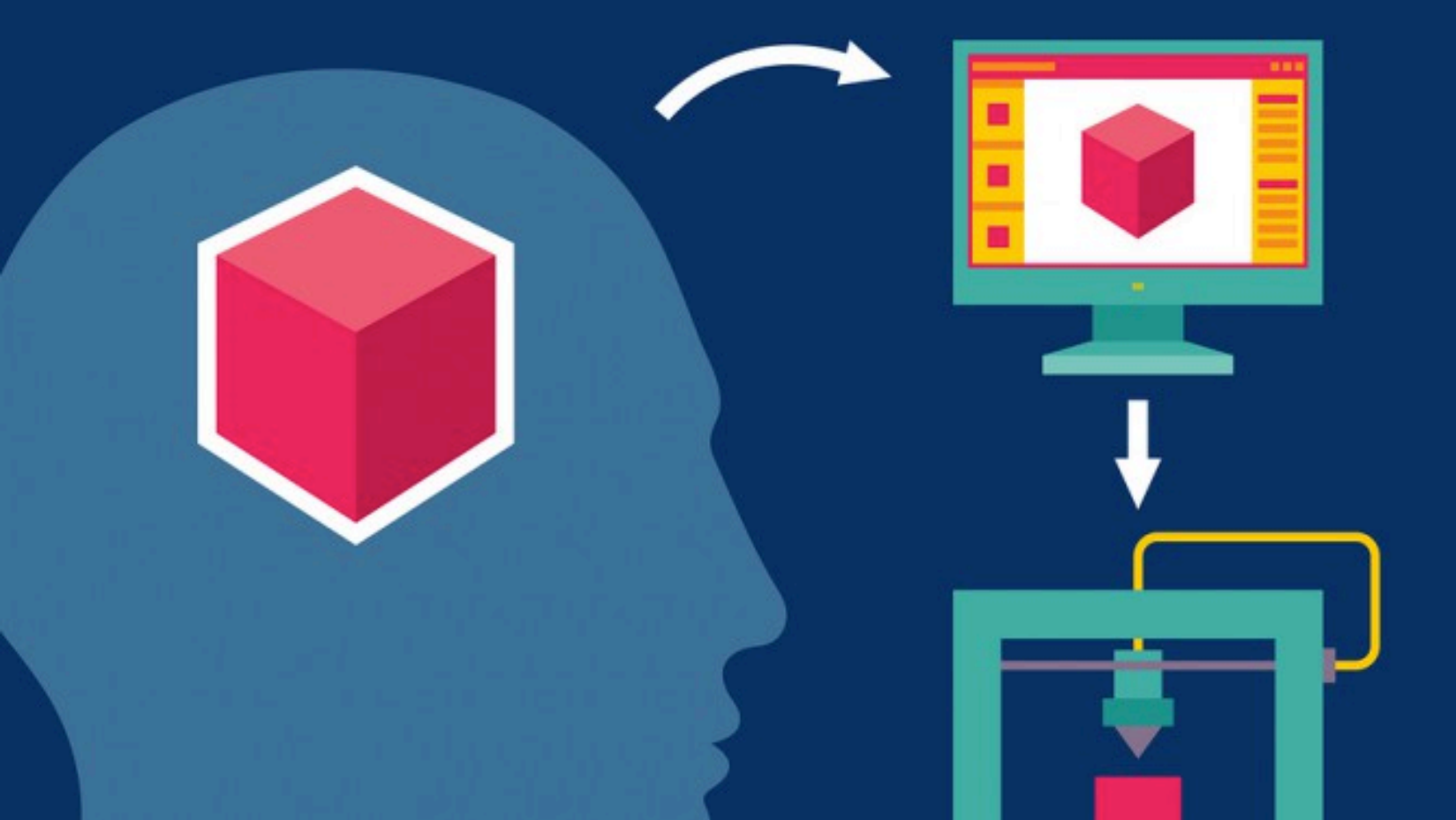


ÖSTERREICHISCHE
gESELLSCHAFT FÜR
3D DRUCK



3D Druck





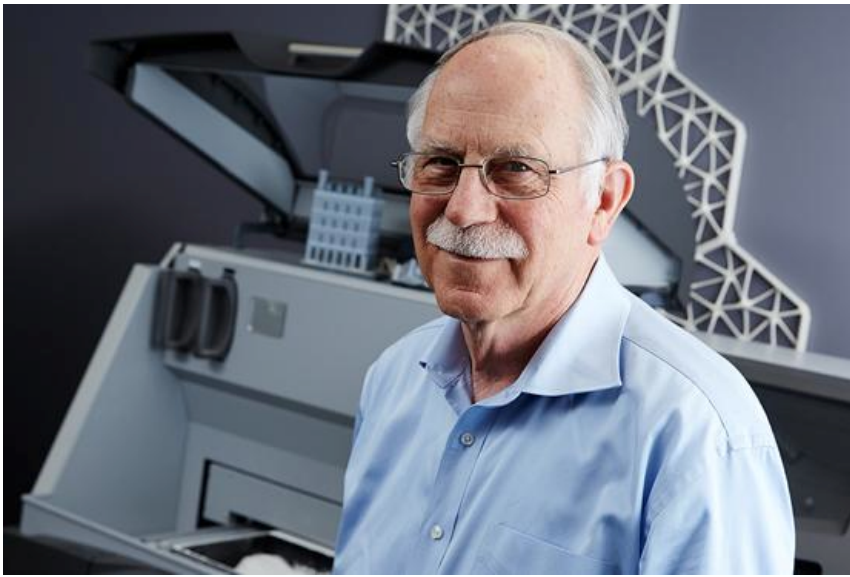
Stereolithography - SLA

Selektives Lasersintering - SLS

Fused Deposition Modelling - FDM

Stereolithography - SLA



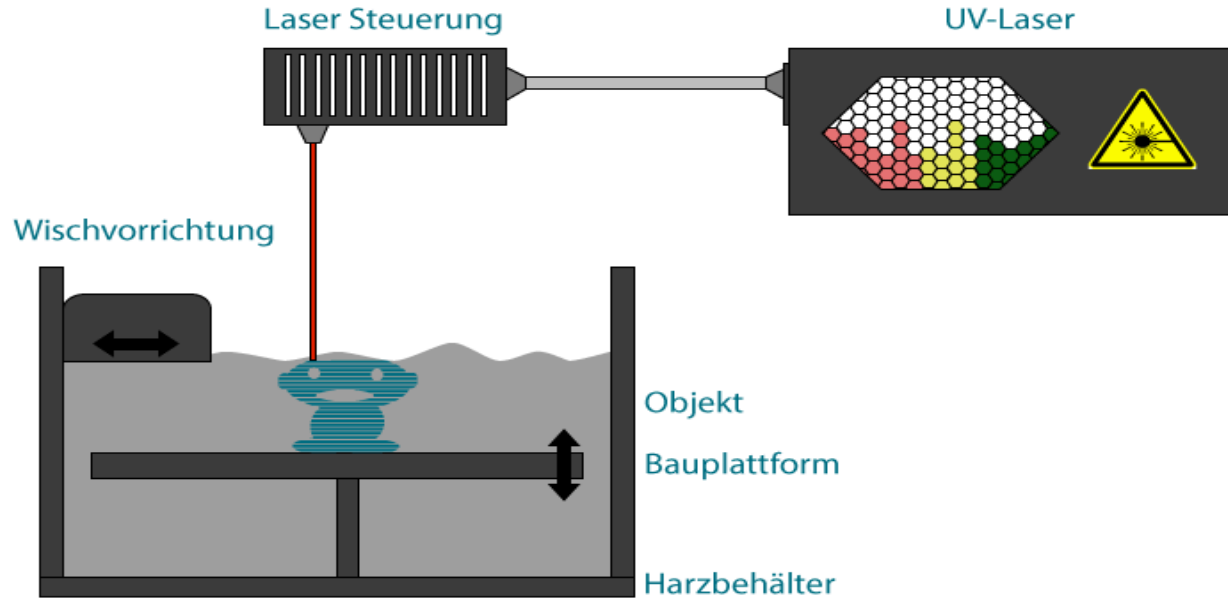


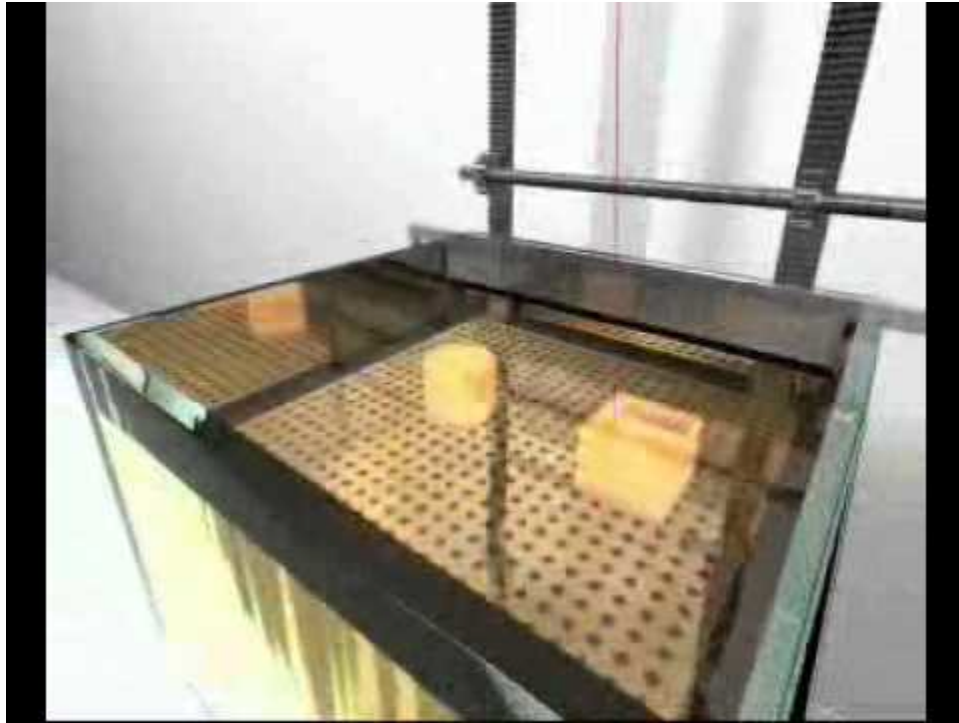
Charles W. Hull



3DSYSTEMS™

Stereolithografie





Druckverfahren

Photopolymer Harz

Acryl - Harz



Ähnliches Wachs - Harz

Material

https://www.google.com/search?q=charles+hull&source=images&tbm=isch&sa=X&ved=0CAGQ_AUoAWovChMlp_bhUfEAMVAVslC01zic308&biw=1280&bih=607&imgrc=1BwL1sVdGXAIDmLw3A



Selektives Lasersintering - SLS





Carl Deckard

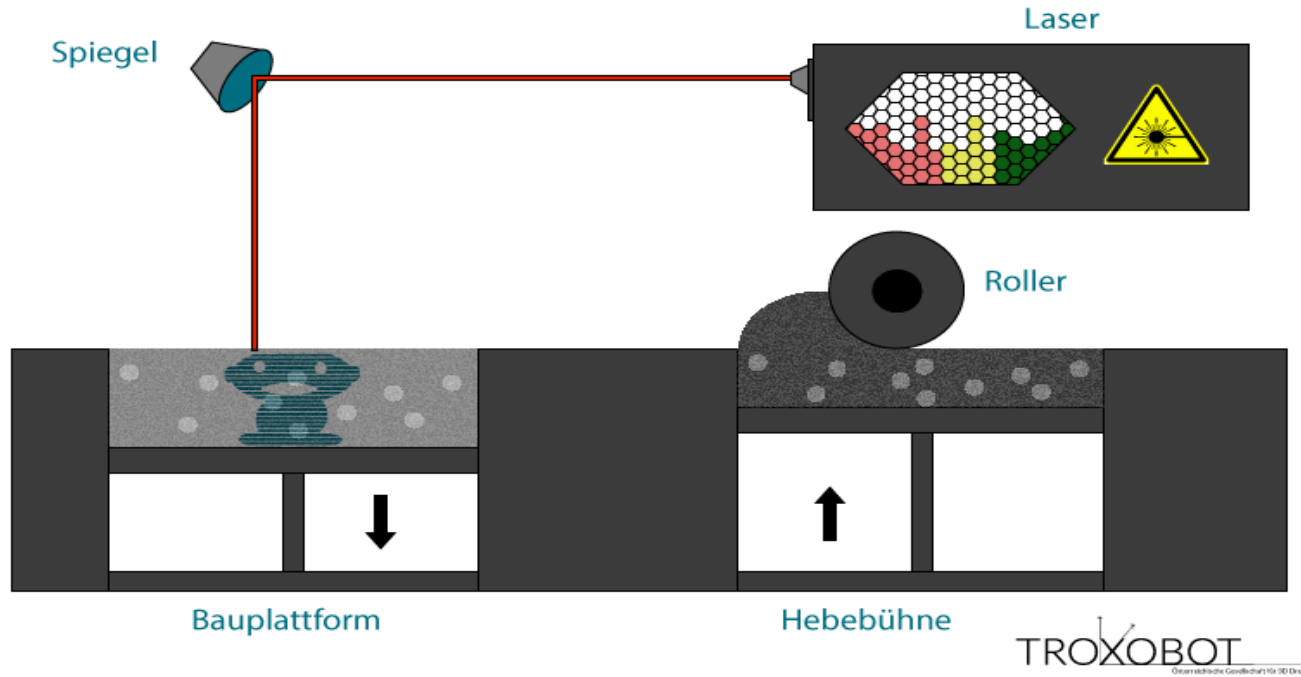
Inventor of Selective Laser Sintering, 3-D Printing

Deckard's invention of selective laser sintering cements his status as one of the founding fathers of 3-D printing.

[https://www.google.com/search?q=Carl+R.](https://www.google.com/search?q=Carl+R.+Deckard&source=lnms&tbn=isch&sa=X&ved=0CAcQ_AUoAWoVChMI5Gf-5XFyAlVhAsCh3O1wlg&biw=1280&bih=606#imgsrc=k-NMCndj_0FWyM%3A)

[+Deckard&source=lnms&tbn=isch&sa=X&ved=0CAcQ_AUoAWoVChMI5Gf-5XFyAlVhAsCh3O1wlg&biw=1280&bih=606#imgsrc=k-NMCndj_0FWyM%3A](https://www.google.com/search?q=Carl+R.+Deckard&source=lnms&tbn=isch&sa=X&ved=0CAcQ_AUoAWoVChMI5Gf-5XFyAlVhAsCh3O1wlg&biw=1280&bih=606#imgsrc=k-NMCndj_0FWyM%3A)

Laser Sintering



Verfahren





Druckverfahren



Keramik- und Metallpulver



Polyamid - Granulat



https://www.google.com/search?q=Polyamid&source=lm&isq&sa=X&ved=0CAcQ_AUoAWoVC_hM263__pLFyAlVhYNYCh3n_gn&biw=1280&bih=606#bm=isch&q=Polyamid+selektives+laser+sintern&imgref=L_MyRJEN9WB42M%3A

Fused Deposition Modelling - FDM

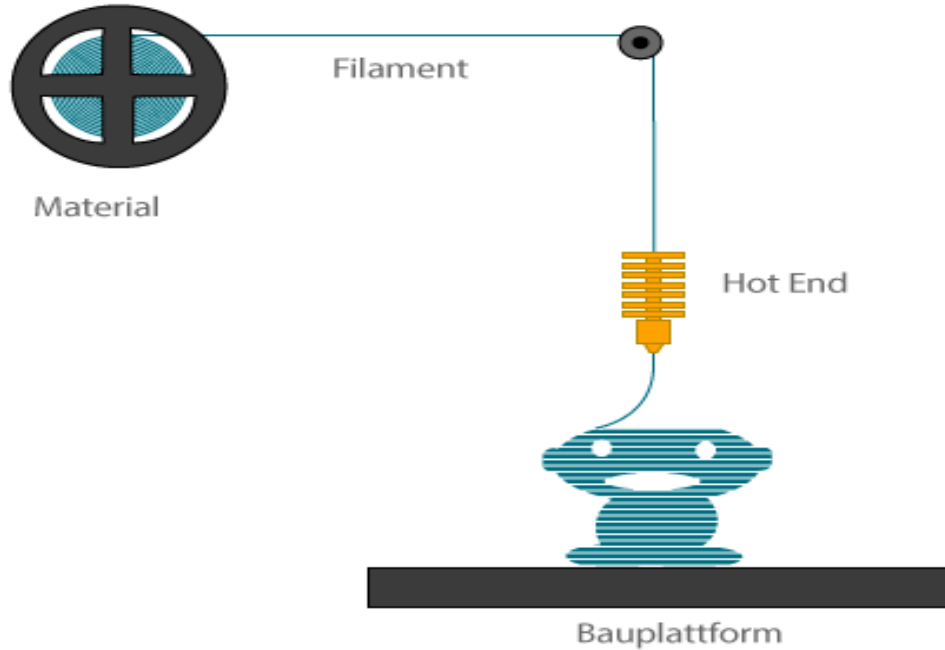


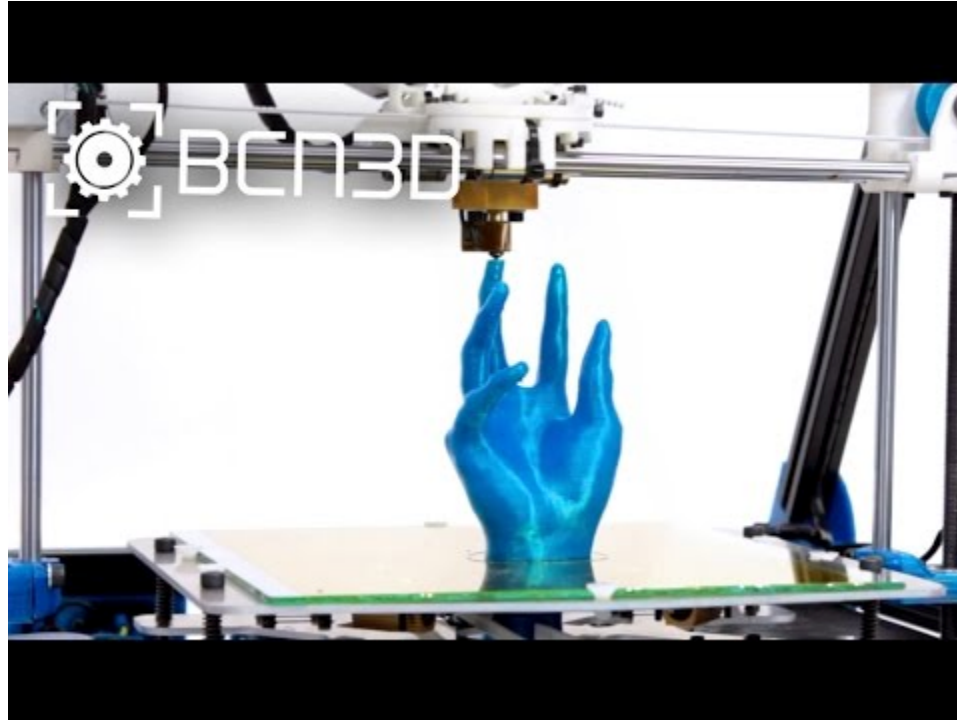


Adrian Bowyer



Fused Deposition Modeling





Druckverfahren





ABS - Acrylnitril-Butadien-
Styrol



PLA - Polylactide

Anwendungen





<http://printm3d.com/themicro/>



<http://www.thingiverse.com/thing:960362>



<http://www.makerbot.com/blog/tag/tinkercad>



<http://inhabitat.com/3d-printing-technology-creates-complex-legal-issues-expert-warns/>



<https://l.materialise.com/blog/featured-friday-showing-your-3d-printed-designs>



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Schmuck





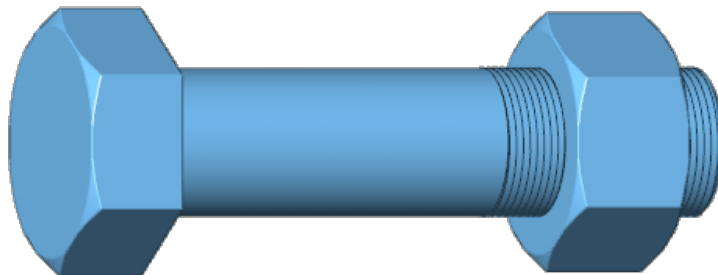
<http://www.forbes.com/sites/rachelhennessey/2013/08/07/3-d-printed-clothes-could-be-the-next-big-thing-to-hit-fashion/>



<http://www.theguardian.com/technology/2013/oct/15/3d-printed-fashion-couture-catwalk>

Mode





Alltag

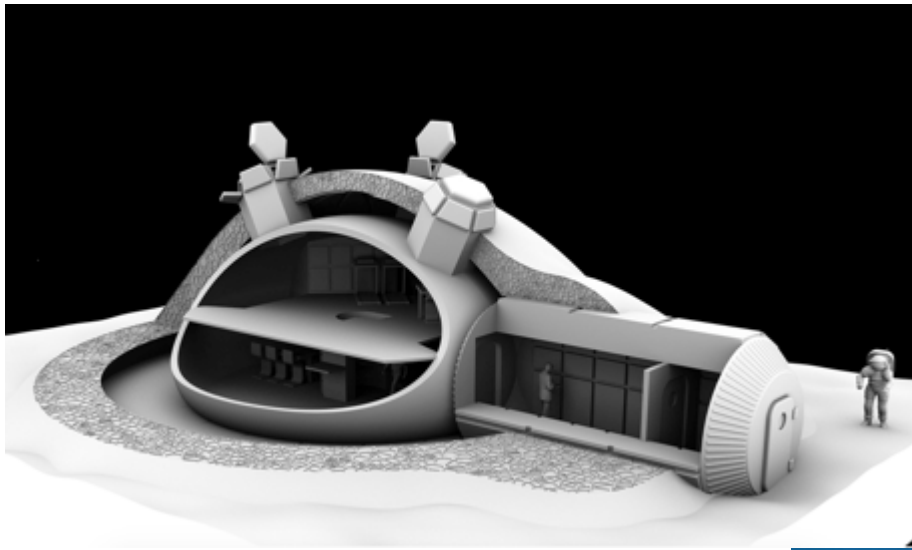




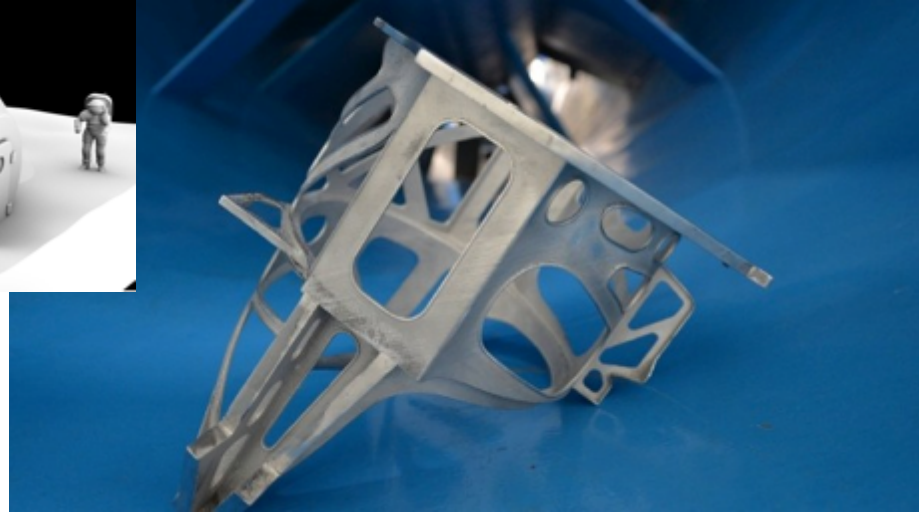
<http://www.faz.net/aktuell/wirtschaft/unternehmen/innovation-eine-villa-aus-dem-3d-drucker-13466157.html>



http://www.chip.de/news/3D-Druck-Ganzes-Haus-in-nur-24-Stunden-bauen_66512878.html



http://www.esa.int/Highlights/Lunar_3D_printing (2015)



<http://www.faz.net/aktuell/wirtschaft/airbus-setzt-auf-3d-druck-flugzeugteile-aus-dem-drucker-premium-aerotech-13750240.html>



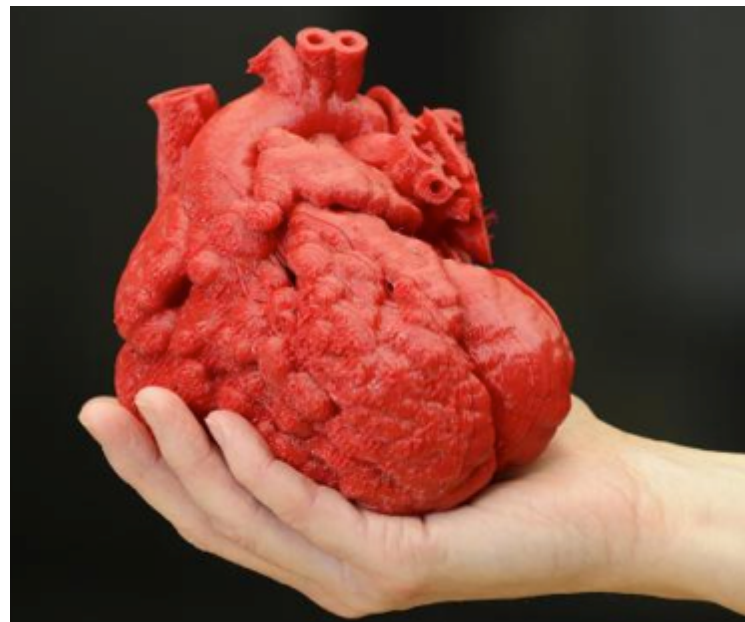
Local Motors (Detroid 2015)



<http://www.zeit.de/mobilitaet/2015-06/leichtbau-fahrzeug-3d-auto-solid-conference-kevin-czinger>

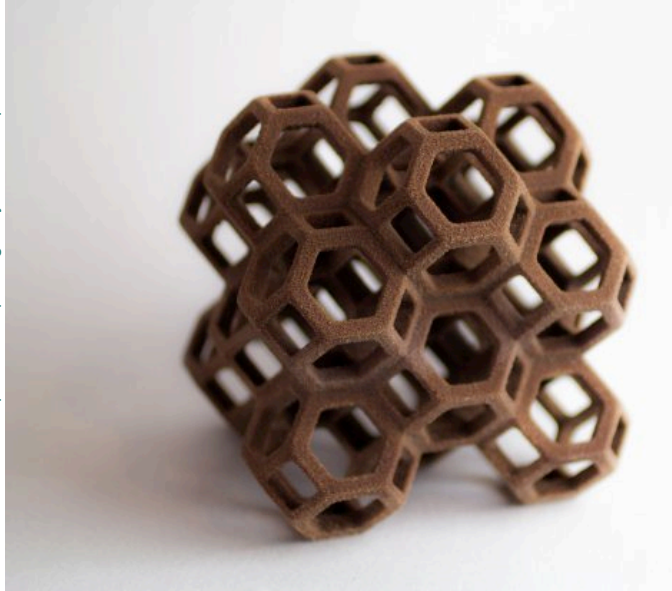


Menschliches Ohr aus dem 3D-Drucker:
<http://www.golem.de/news/3d-druck-ein-ohr-aus-biotinte-1302-97776.html>





Foodini



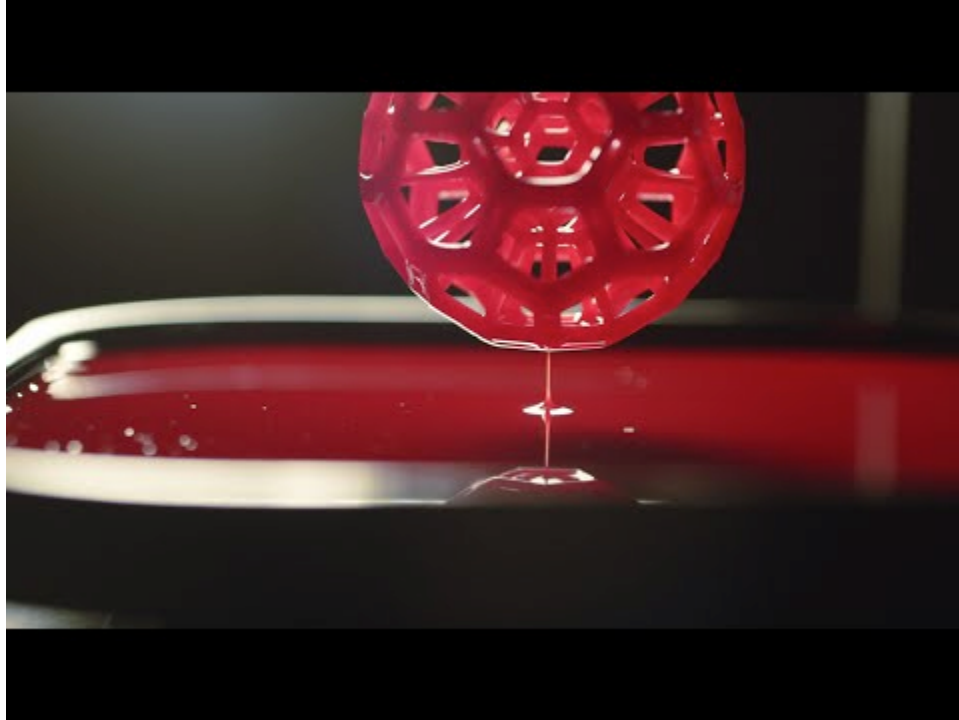
Schokolade

Nudeln

Pizza



Carbon3D



Zukunft

