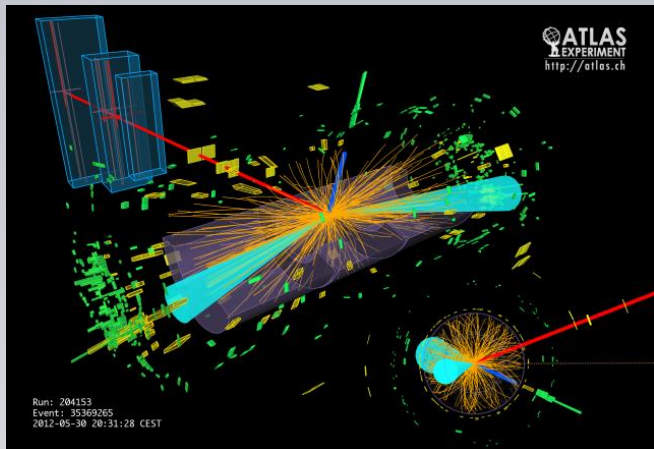


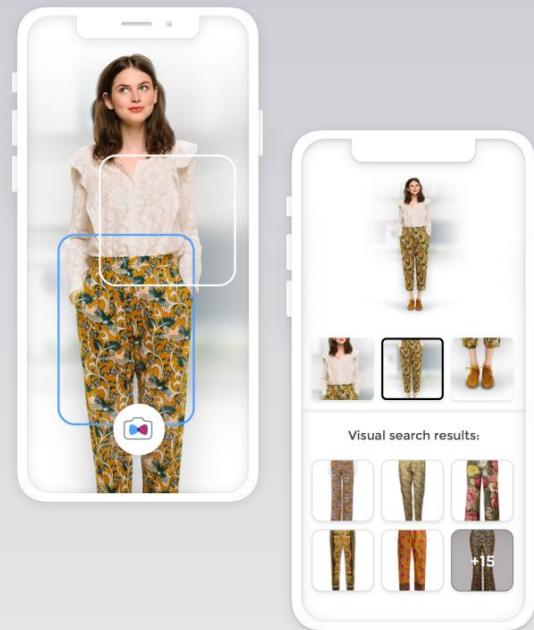
From Particle Physics to



Visual Search for Shopping

Helge Voss

Co-founder and CTO at
Syte - Visual Conception Ltd.



Branching ratio measurements at LEP

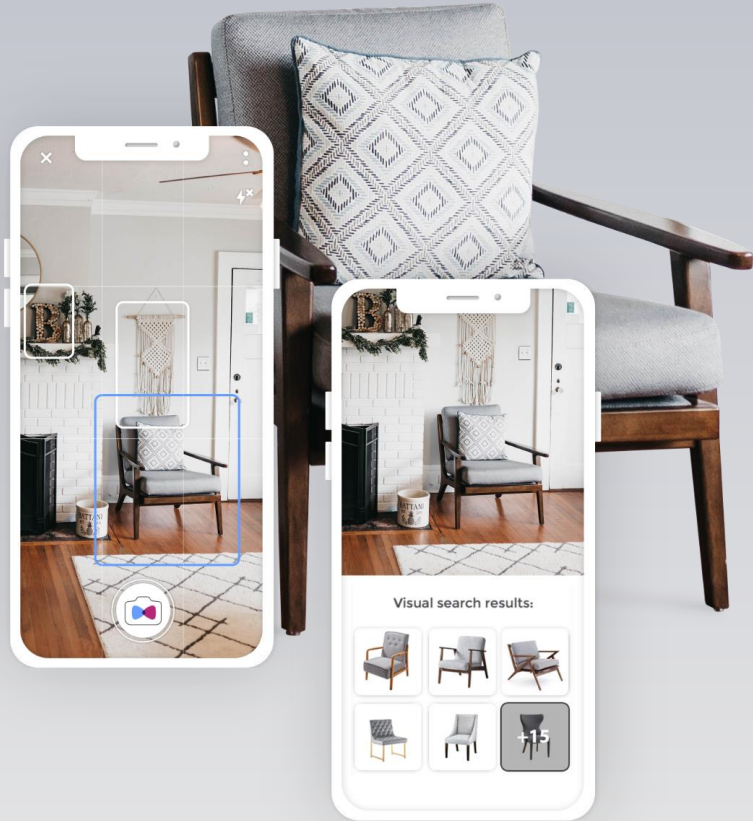
Triple Gauge Boson Couplings at LEP2

LHCb Silicon Tracker

TMVA



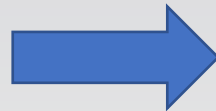
Syte - Visual Conception



Object Detection

Classification

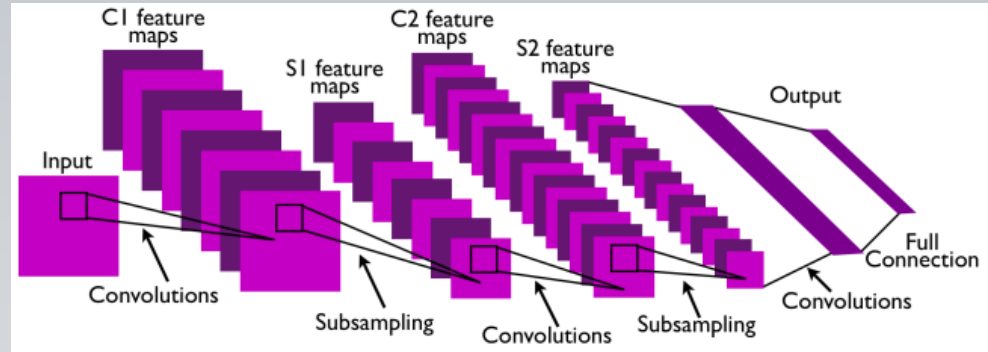
Search similar



Deep Learning

Machine Learning

(and statistical analyses)



“Data is the new oil”

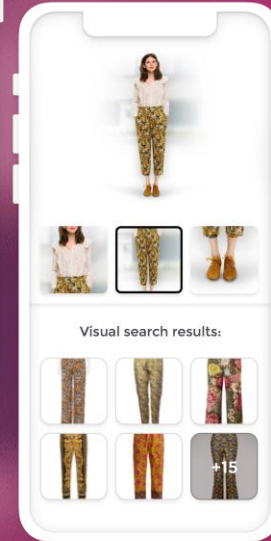
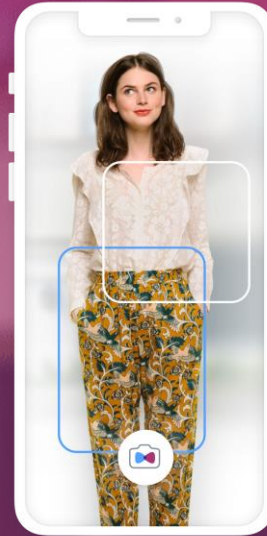
“An image says more than 1000 words”




plenty of opportunities for ‘our’ skills

Camera Search

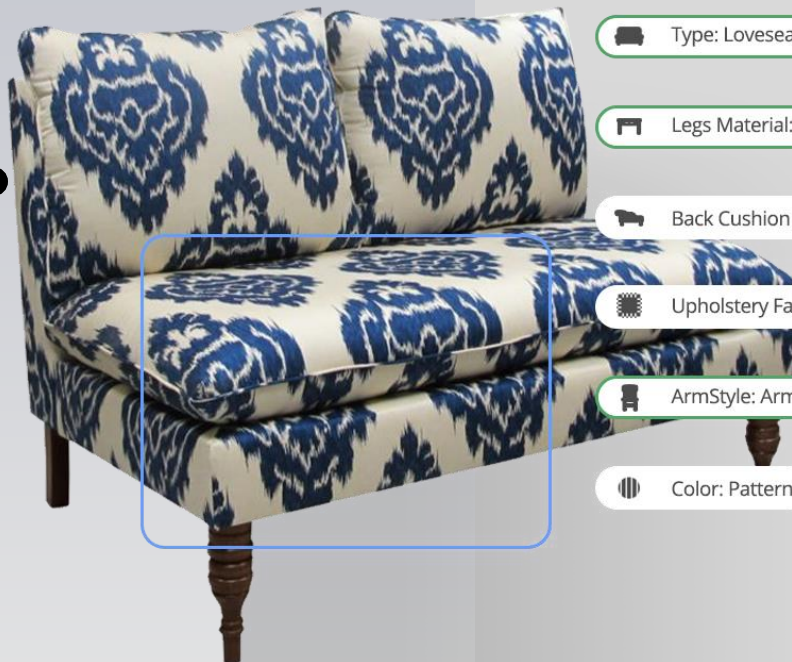
- upload a photo
- search/shop similar item within the retailer's inventory.



 Wooden Leg Armless Loveseat

Deep Tagging

- Descriptive tags



 Type: Loveseat

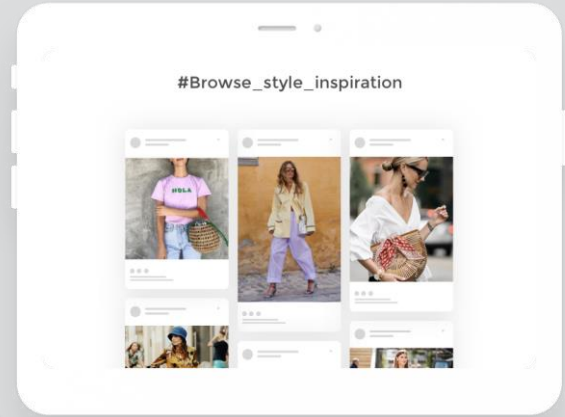
 Legs Material: Wood

 Back Cushion Type: Cushion Back

 Upholstery Fabric: Cotton

 ArmStyle: Armless

 Color: Pattern



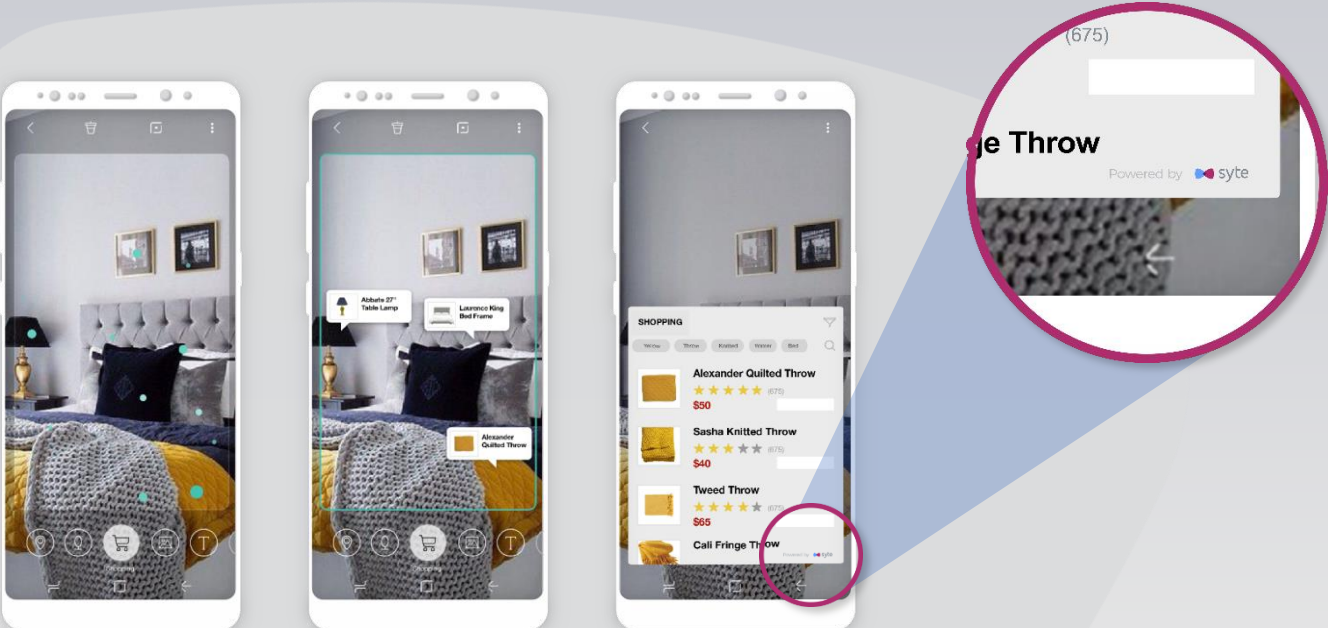
In Store Solutions: Smart Mirror

... and others..

SAMSUNG



Selected by **Samsung** to power 800,000,000 phones with Visual AI through Bixby Vision as a part of Syte Marketplace, the first cross-retailer Visual AI discovery platform that connects retailers and customers in an intuitive way.





Serving some of the largest brands in Fashion and Home Decor

