



**Innovative
Solutions
in 2D and 3D
Image Analysis**

**COMPLETE
IMAGE PROCESSING
DEVELOPMENT KIT**

 **OPTIMIZED
CALCULATION**



Python and C++ compatibility



NEW



**Machine Learning
Segmentation and
Classification**

- Batch processes
- Multi-channel support
- Improve the GUI with your own macros
- Python script generator
- Open source GUI assistant



TAILORED SUPPORT



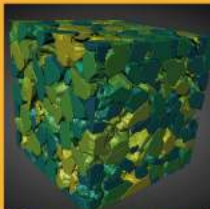
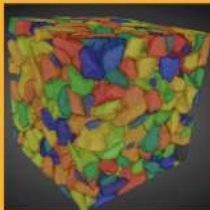
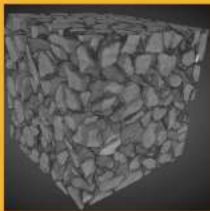
TRAINING SESSIONS



SPECIFIC DEVELOPMENT

APPLICATIONS

- Non-Destructive Testing (NDT)
- Digital rock
- Oil & Gas
- Industry / R&D Centers / OEM
- Medical / life sciences
- Material property analysis
- Microscopy / tomography



3D grain segmentation and classification.

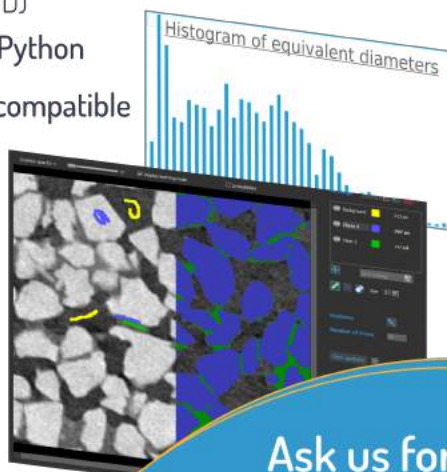


Automatic Counting of Colonies



THE IPSDK LIBRARY

- Machine Learning
- Explorer: The IPSDK GUI assistant
- High performance calculation (multi-threading, SIMD)
- Available in C++ and Python
- Windows and Linux compatible
- Features
 - Denoising,
 - Segmentation,
 - Detection,
 - Measures,
 - Statistics,
 - Classification,
 - Registration,
 - Morphology,
 - Watershed,
 - Pixel descriptor,
 - Shape extraction,
 - ...



Ask us for
a free demo

Our experts will assist you in developing your application projects for all your image analysis needs:

- Imbedding of our library in your application
- Bespoke development
- Consulting, feasibility studies
- Training
- Data cleansing
- Research project collaboration

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SMART IMAGE PROCESSING