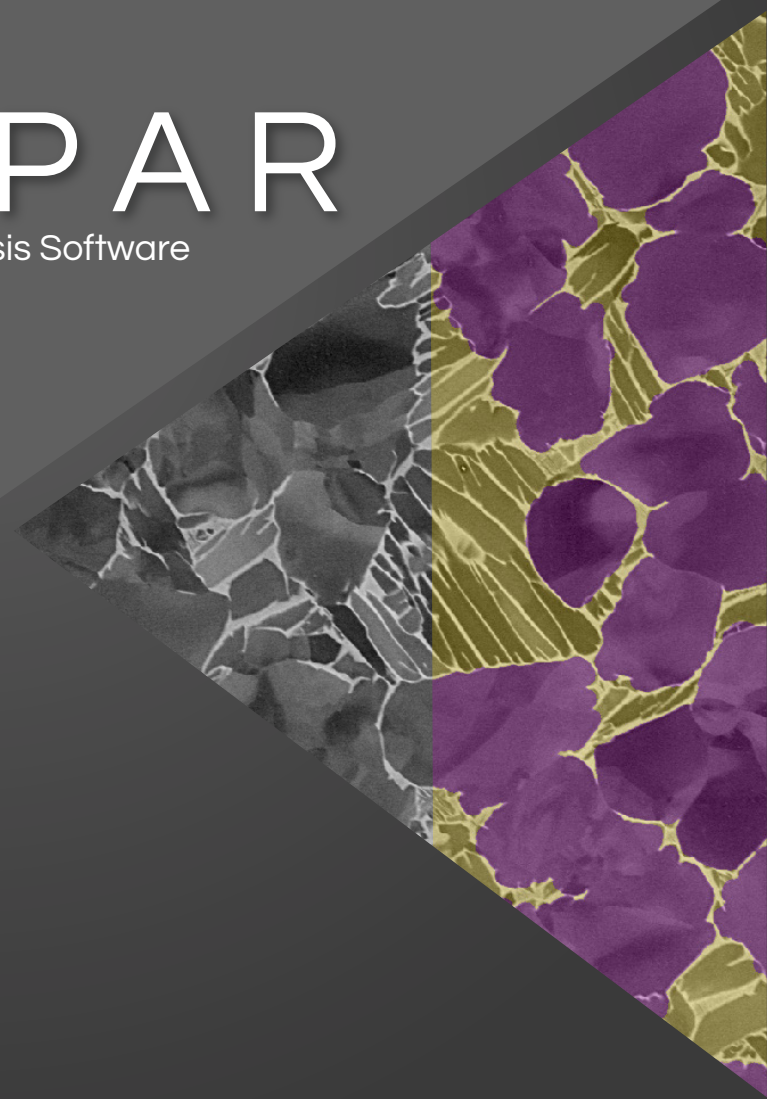# MIPAR

Image Analysis Software

MIPAR

OUR VISION

Most image analysis products are limited in their functions and ability for a user to fully customize the steps necessary to detect their target features. The vision for MIPAR is to provide a platform which not only overcomes these challenges, but is also capable of batch processing and quantifying multiple images through a user-friendly interface.
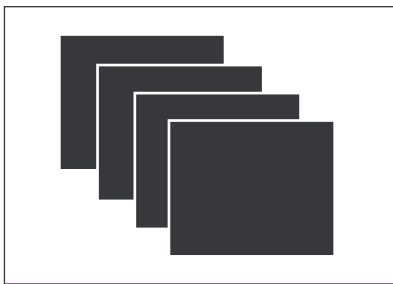
Simple. Uniquely Powerful.

MIPAR is a revolutionary image analysis software, capable of identifying and measuring features from nearly any image one can capture.
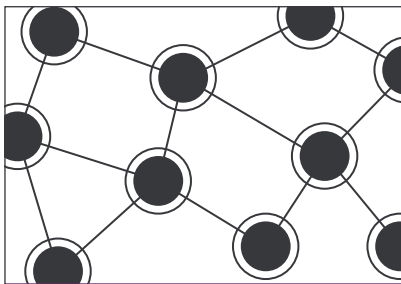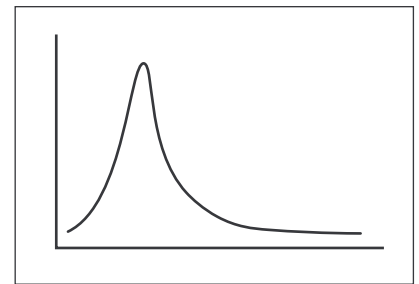
Detect

Develop a Recipe to detect any features you desire.

Batch Process

Process multiple images with the same Recipe using our efficient Batch Processor.

Analyze

Analyze your results by making global, feature, and local measurements.

RECIPE

MIPAR allows a user to create a customizable and non-destructive "Recipe": the most coveted feature, and one that is unmatched in any other image analysis product.

Users have the flexibility to add, delete, move and edit steps in any order they please. Once a user has developed a Recipe for an image, it can easily be applied to other similar images in the Batch Processor.
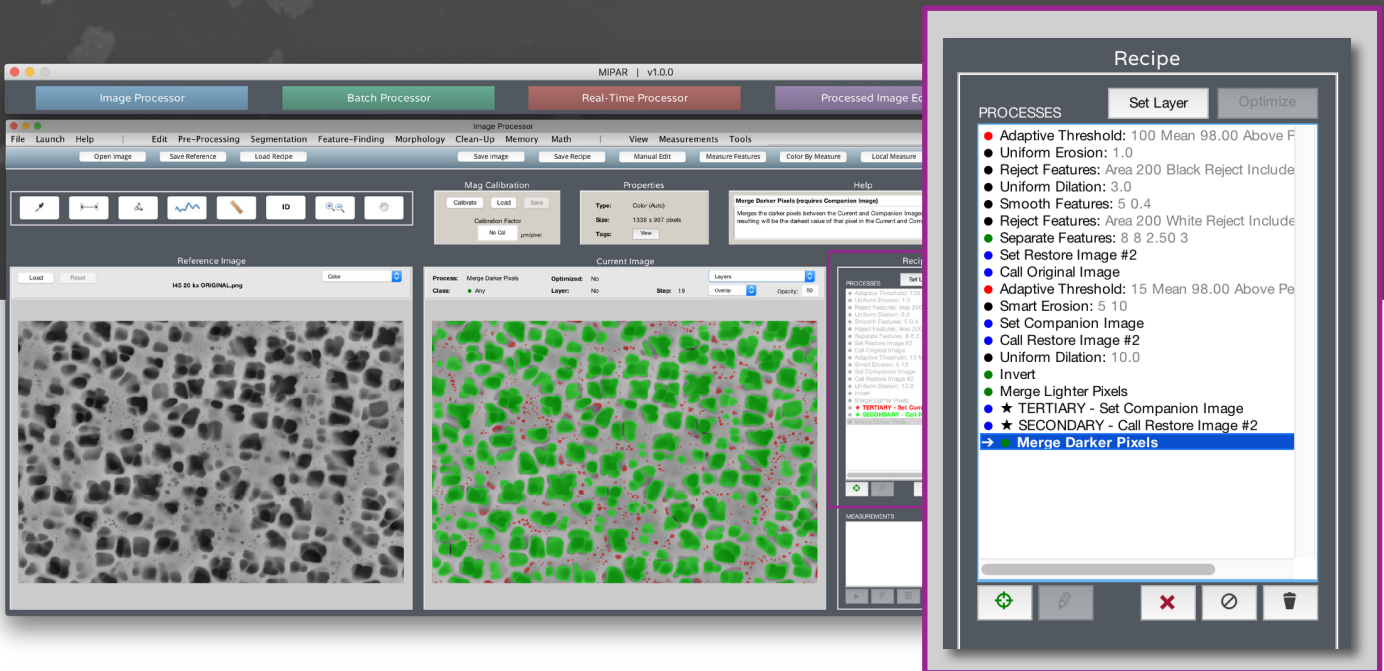

Browse. Download. Use.
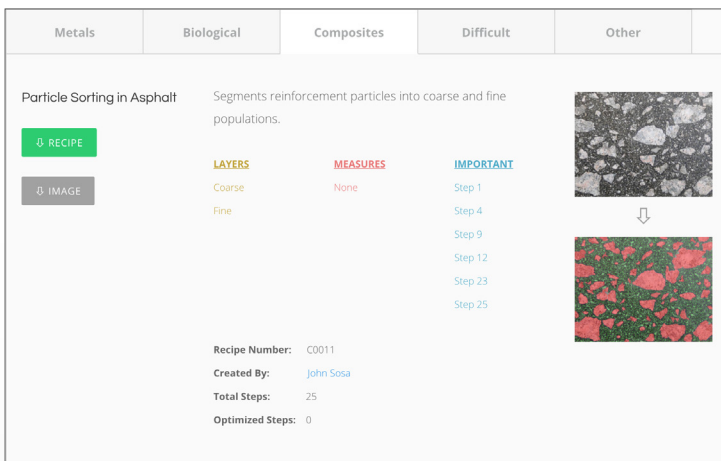
Recipe Store

Our website has a catalog of Recipes that you can download for free to help you get started with your image. We have Recipes for images across many fields such as metals, biological, composites, and many more.

DETECT

Of course you can measure just about anything from your features once they are found. The hard part is the segmentation, or feature-finding, and that's where MIPAR really excels.
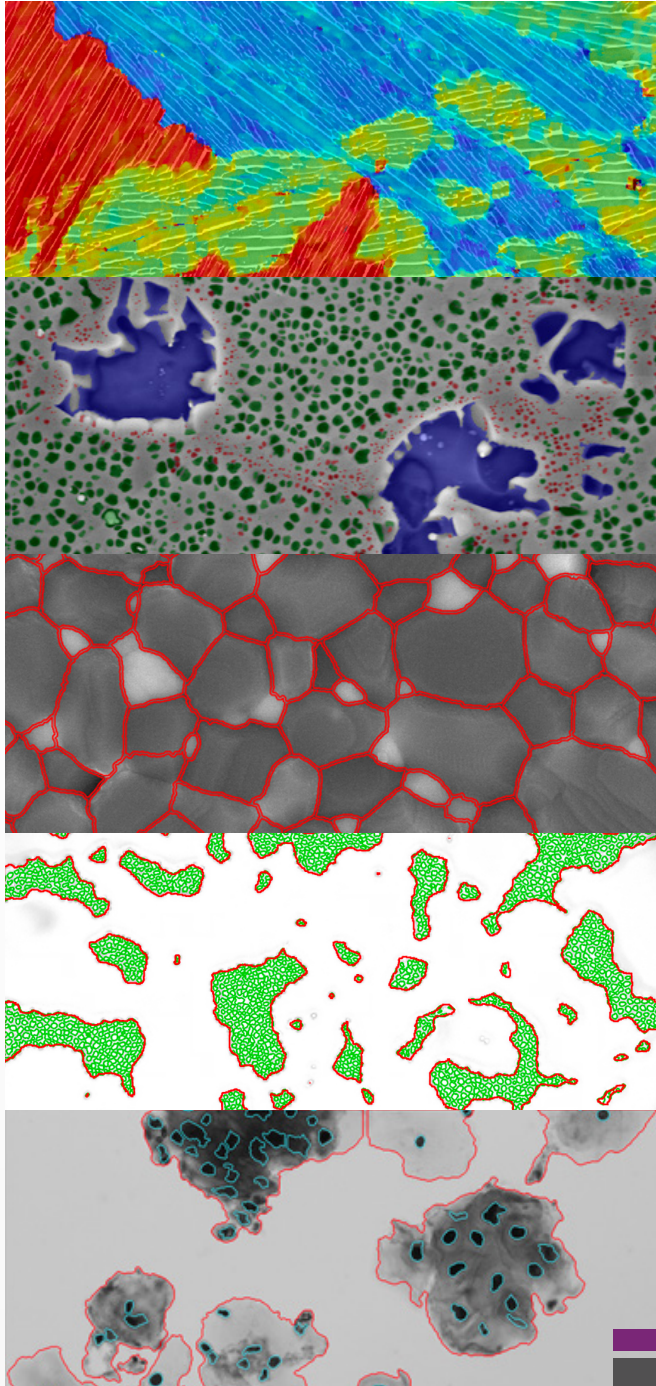
Pattern Segmentation

Similarly oriented features in titanium microstructure were identified with advanced pattern-based segmentation.

Precipitate Detection

With a single Recipe, these precipitates, critical to mechanical properties, were segmented into their three modes.

Grain Tracing

Measuring grain size through image analysis is a necessity in most metals and ceramics research. MIPAR can detect grain boundaries, simple and complex, from any material you encounter.

Colony and Cell Counting

An extremely time-consuming, yet vital task to bacterial research. MIPAR's Recipes accelerate colony counting by orders of magnitude. And with its layer tools, you can easily count cells per colony.

Cell Nuclei and Body Extraction

MIPAR dramatically speeds up the tough, yet necessary task of segmenting cells and their nuclei in the biological sciences.

Over 60+ tools...

Our extensive function library, combined with the power of Recipes, allows you to detect a variety of features in your image.
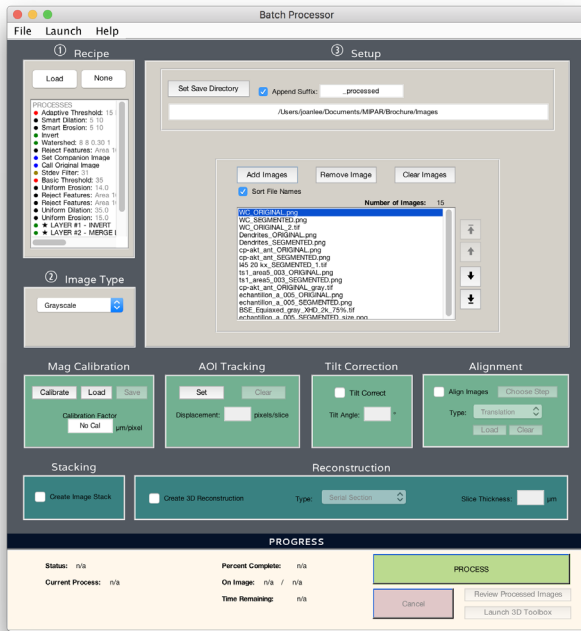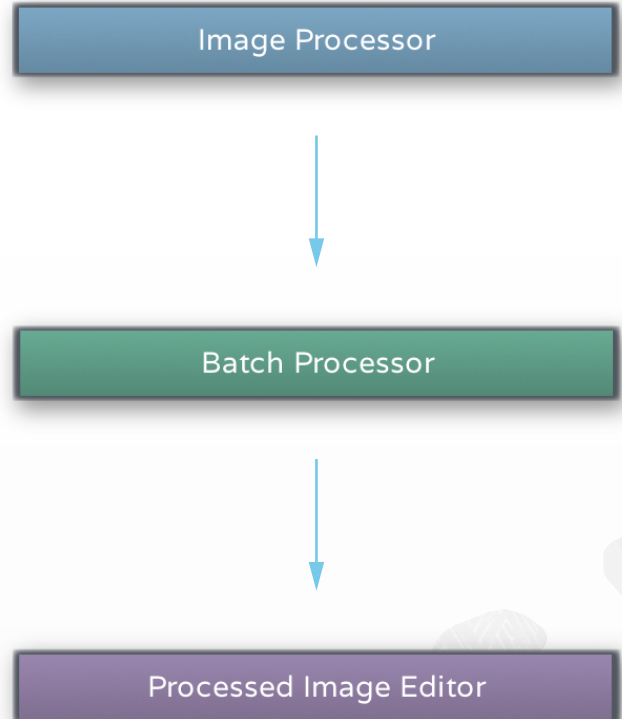
BATCH PROCESS

Process Multiple Images and Save Time

Once a Recipe has been developed in the Image Processor, it can be applied to other similar images in the Batch Processor.
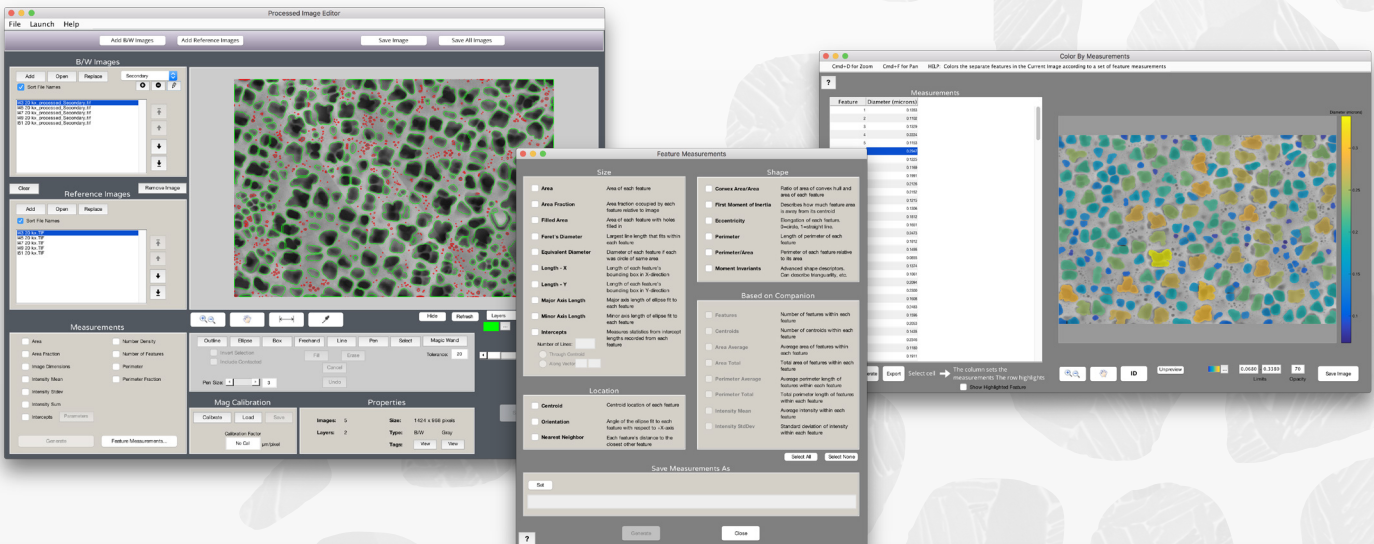

2D Image Workflow

ANALYZE

Review Processed Images

The Processed Image Editor allows you to review the results from the Batch Processor, and make manual edits if need be. Once you are satisfied, you can generate various feature measurements from your images.

MIPAR

Image Analysis Software