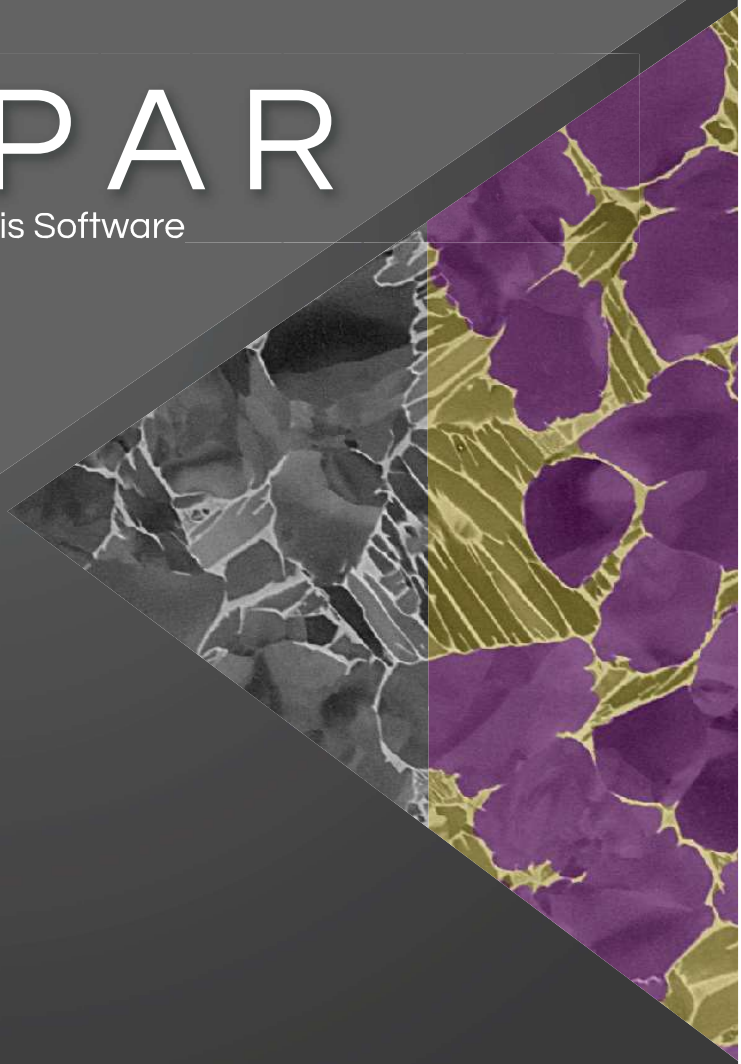
MIPAR

Image Analysis Software



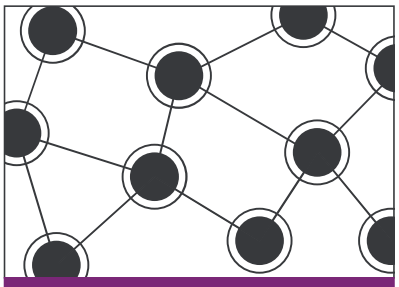
MIPAR

OUR VISION

The vision for MIPAR is to empower users to solve a wide variety of image analysis problems, without sacrificing user-friendliness. MIPAR's powerful image analysis engine, combined with straightforward algorithm development, enables users to obtain accurate, reliable results for their unique images.

Simple. Uniquely Powerful.

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

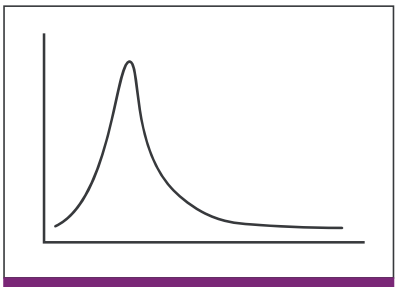


Detect

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

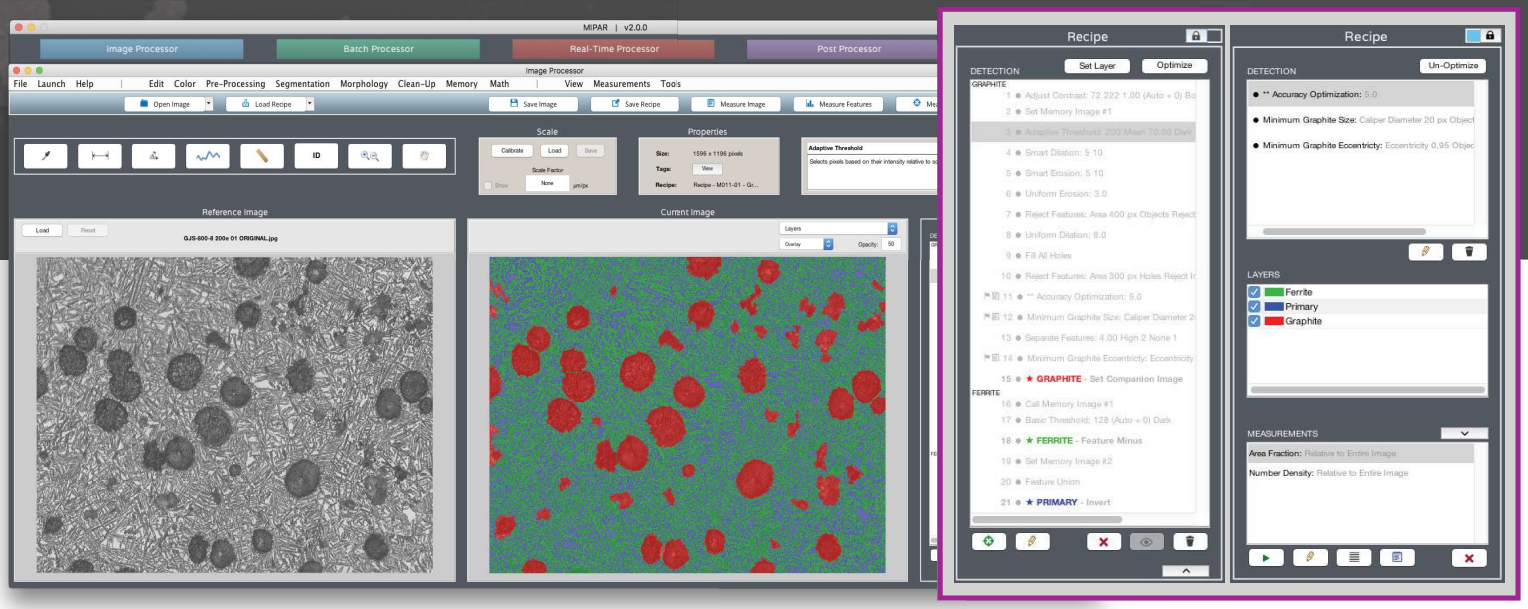
MIPAR allows a user to create a customizable and non-destructive “Recipe”: the most coveted feature, and one that is unmatched in any other image analysis product.

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

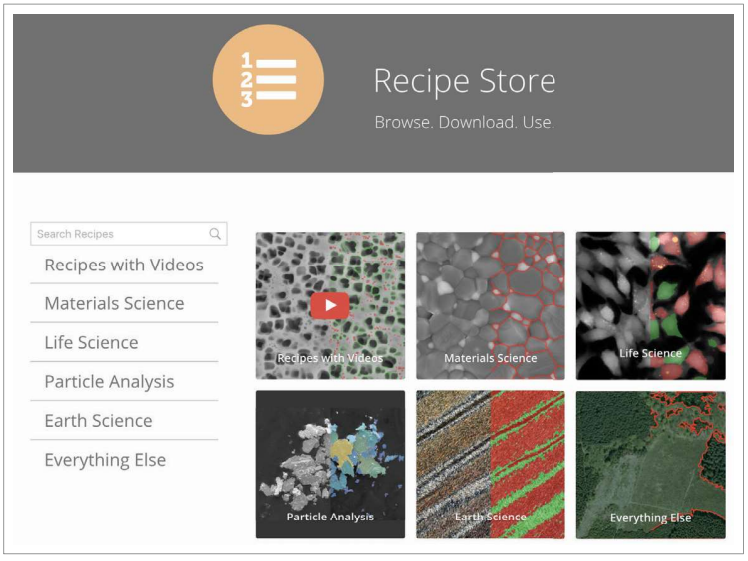
Simple Recipe Mode

Simple Mode offers an elegant presentation of even the most complex Recipes, while Detail Mode gets you the “under-the-hood” to make infinite Recipe customizations and solve real-world problems.

With one switch, Simple Mode turns state-of-the-art algorithms into streamlined apps anyone can use comfortably, regardless of experience.



Browse. Download. Use.



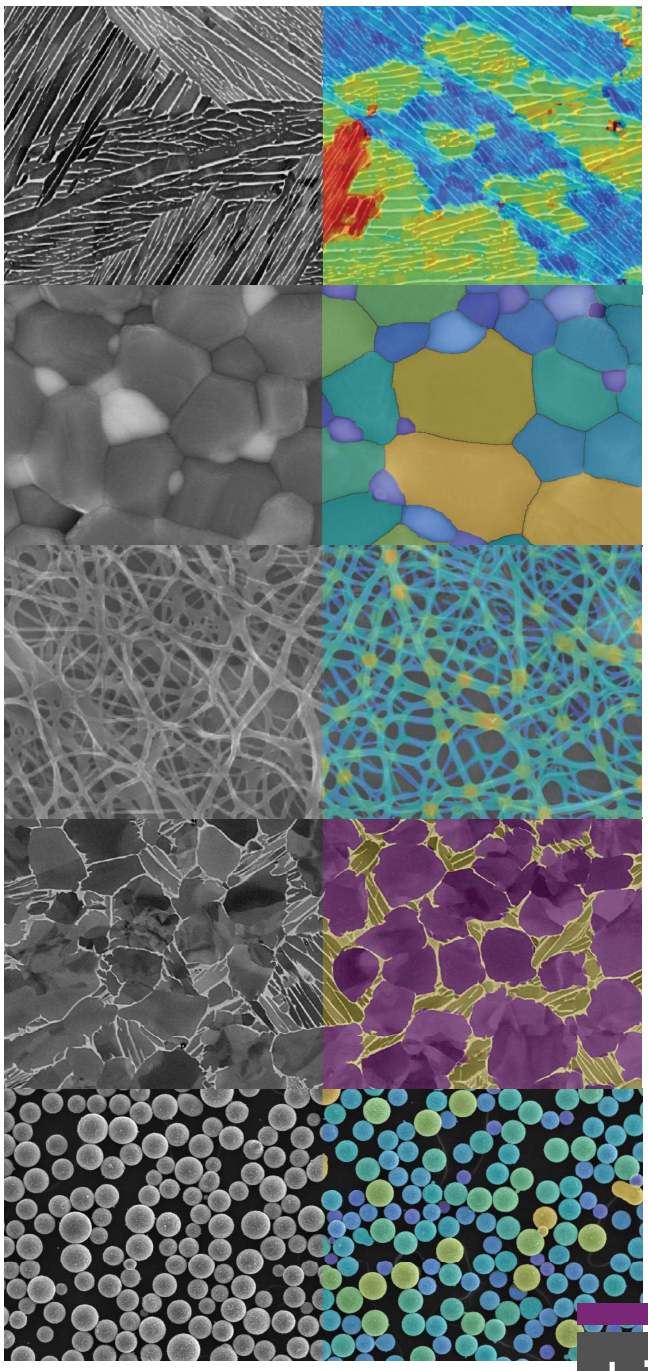
Recipe Store

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 materials science, life science, particle analysis, earth science, and many more.

mipar.us/recipe-store

DETECT

With MIPAR you can detect almost any feature you can identify with your eyes. Our tools enable users to create application specific Recipes and efficient image processing workflows.



Pattern Segmentation

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

Grain Tracing

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

Fiber Detection

Foreground and background fibers are differentiated and identified. Fiber density, orientation and thickness distribution can be measured.

Phase Analysis

Adaptive tools allow for robust characterization of titanium micrographs. Material Alpha and Beta phases are identified, and the Alpha phase is differentiated into Equiaxed and Laths.

Particle Detection

Clustered particles are identified and reliably separated for size and shape analysis.

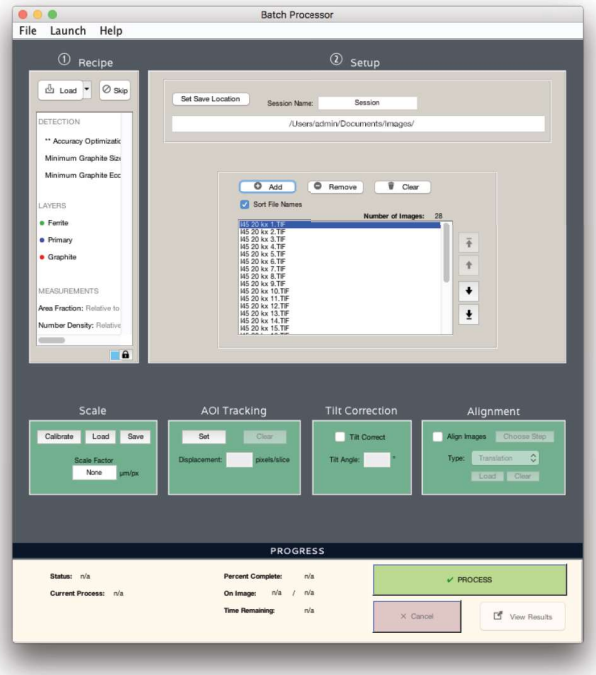
Limitless Applications...

MIPAR's flexibility offers researchers the tools to solve real-world problems in any field. Today, MIPAR is used by companies and universities around world in applications from materials science, life science, and much more.

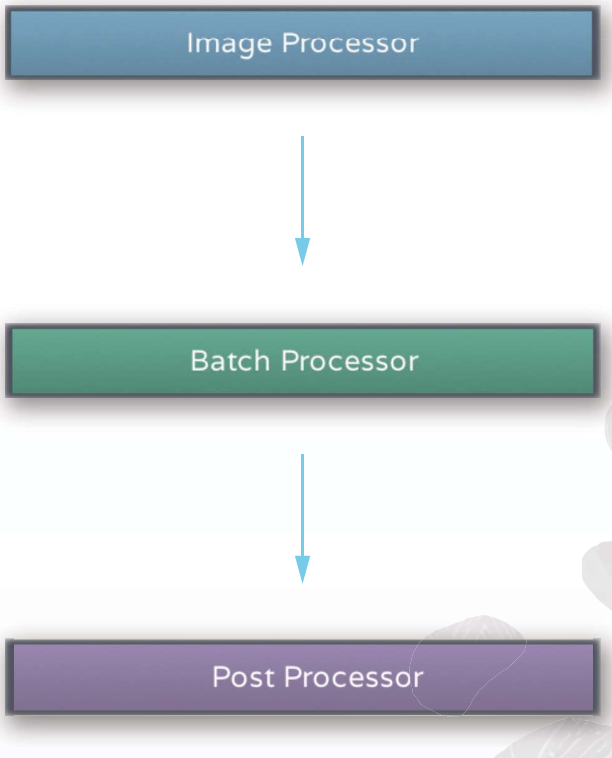
BATCH PROCESS

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.



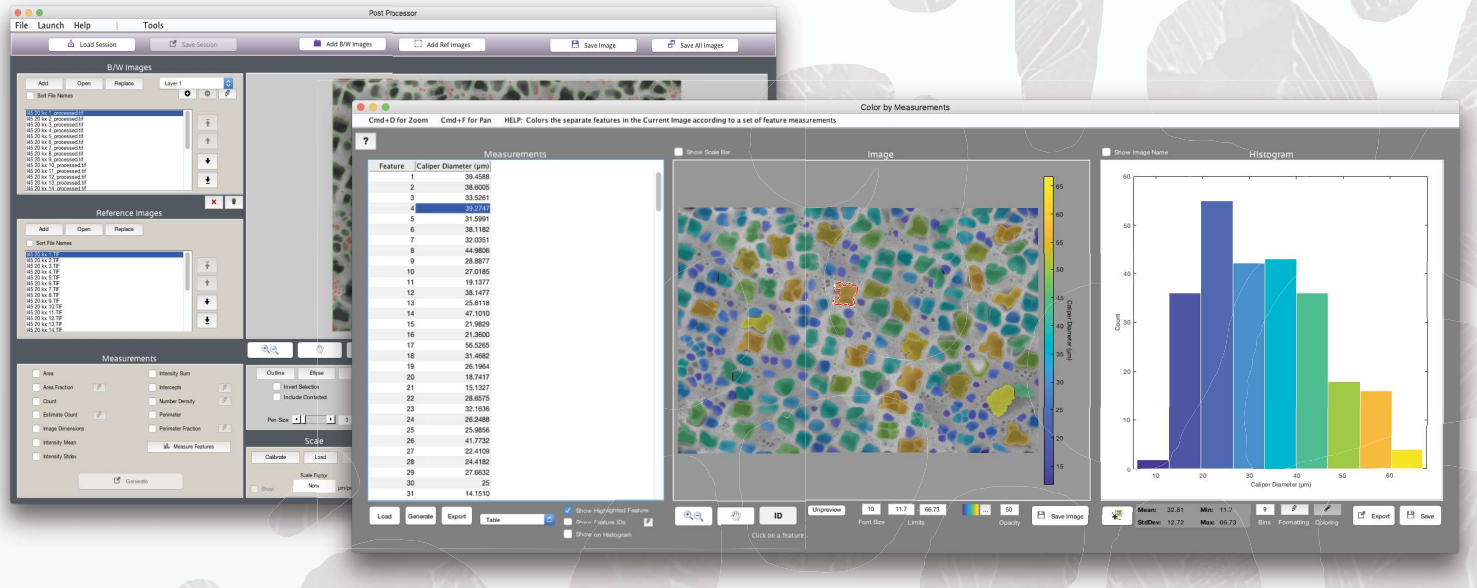
2D Image Workflow



ANALYZE

Review Processed Images

The Post Processor allows you to review the results from the Batch Processor, and make manual edits if needed. Once you are satisfied, you can generate various global, feature, and local measurements from your images.



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www.mipar.us