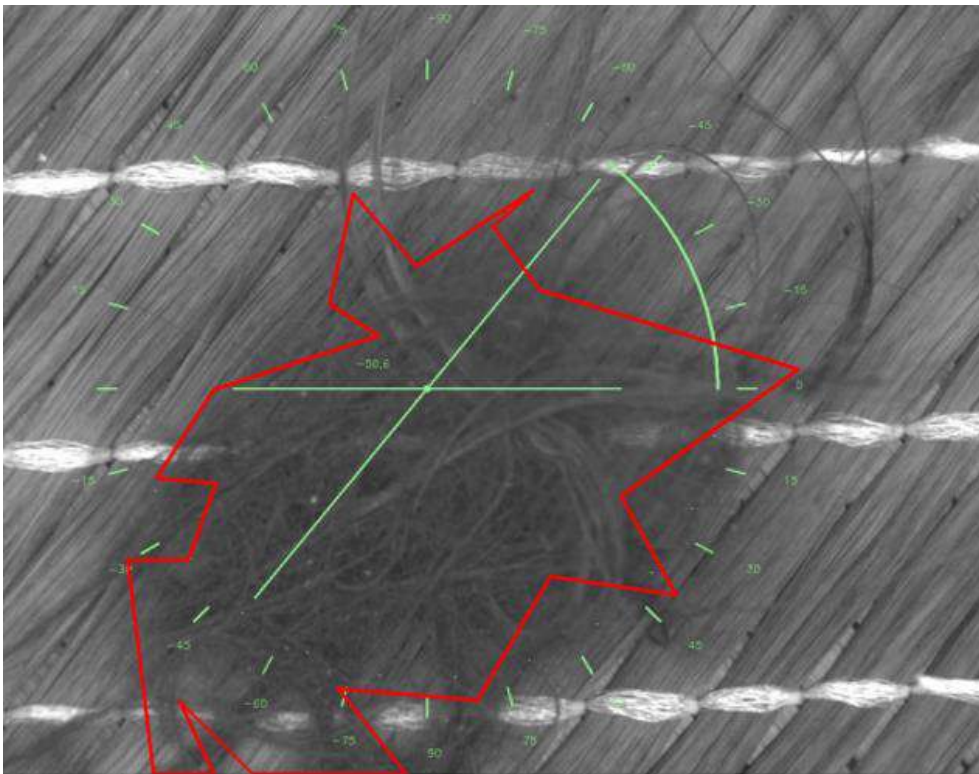
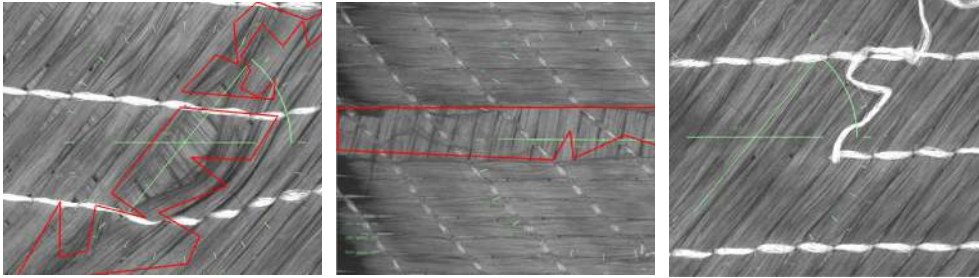


## Apodius Vision System – AVS Custom

### Machine setting and quality assurance for CFRP braided frames



#### Your Challenge:

- Lack of sufficient knowledge of the local fiber orientation of your braided products and preforms.
- No validation of your machine setting to assure local fiber orientations.
- No evidence of process capability for your braiding production.

#### Our Solution:

- **AVS Custom** sensor solution for braided products.
- Robust measurement of superimposed orientations: both stationary and braiding fibers, and any common material combinations.
- Actual-theoretical comparison for the machine setting of the braiding process, validation regarding construction as well as braiding simulation.

#### Apodius GmbH

Dennewartstr. 27  
52068 Aachen  
Germany

[info@apodius.de](mailto:info@apodius.de)  
[www.apodius.de](http://www.apodius.de)

Phone: +49-241-5652-0609-0  
Fax: +49-241-927-89541

© Apodius GmbH 2015



#### Your Benefit:

- Contract measurements : We provide measurement and analysis of your braids.
- Manufacturing integration: We provide product specific settings for your braiding machine to assure local fiber orientation.
- Gauge Capability: We provide evidence referred to VDA5 and MSA.