

Product information:

LIGNOVISION™

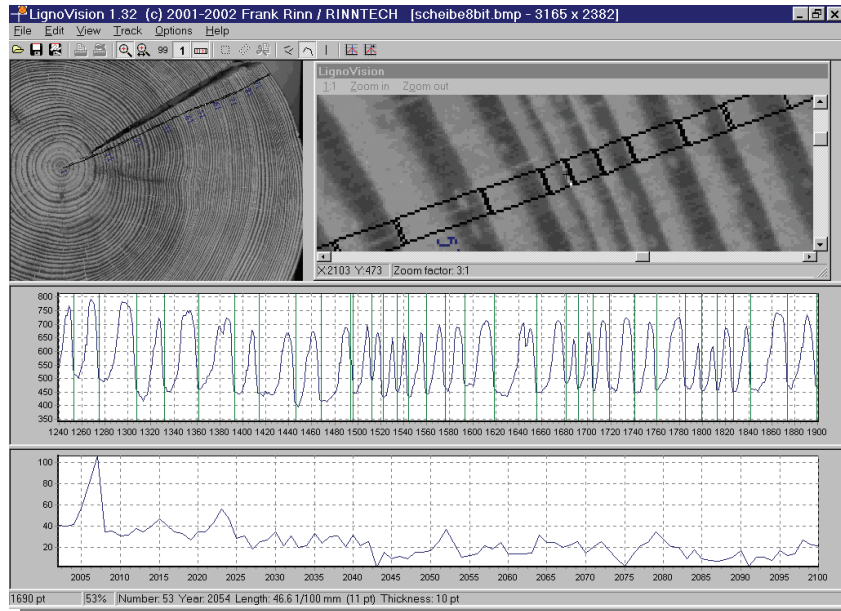
Speeds up your tree-ring measurements

Fields of Application:

- Tree-ring analysis
- Analysis of x-ray scans
- Dendroecology
- Dendroclimatology
- Geography

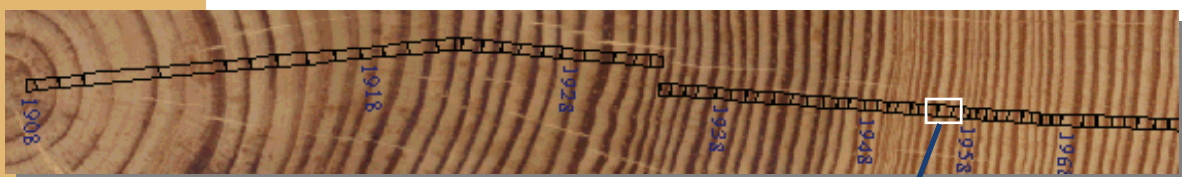
Advantages:

- Fast and easy tree-ring detection
- Manual editing
- Early and latewood recognition
- Computing of density variables

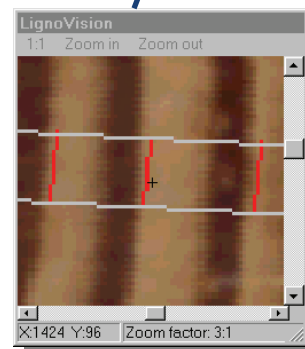


Surface scans - Tree-rings at your fingertips

Tree-ring measurement consists of a lot of routine work. Have you thought about how to make this work less time consuming for you? **LIGNOVISION** has the power to scan most of your material for you. This saves time and makes dendrochronological work more convenient. Another plus - the tree-ring series produced by **LIGNOVISION** can be stored in TSAP-format. Thus, you can easily proceed with your data analysis in this time series analysis software.



Define your individual measurement radii. **LIGNOVISION** will automatically recognize the tree rings on demand.



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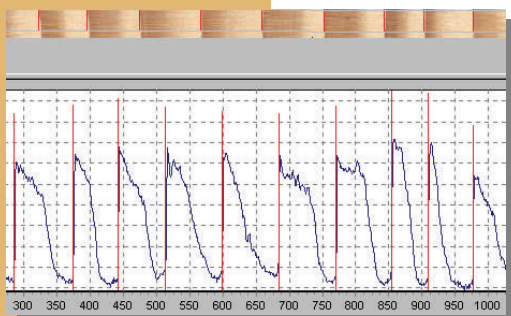
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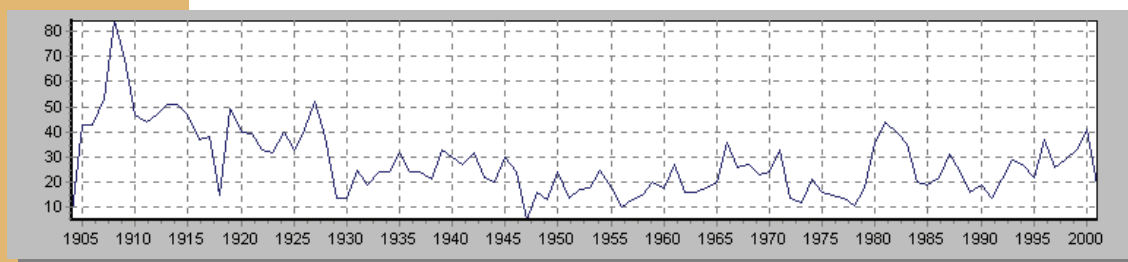
LignoVision follows your vision.

Working steps:

1. Define a radius to be measured. This may be strictly linear, bent or even interrupted.
2. LignoVision will recognize the tree-ring borders automatically.
3. Zoom into unclear zones to check the suggested tree-ring borders.
4. Edit the measurement, if necessary (e.g. remove „false rings“).
5. Let LignoVision compute the tree-ring data.
6. Save tree-ring series and density data.
7. Finished!



Gray-scale profile



Tree-ring series

For advanced applications: LIGNOVISION and the high frequency density scanner **LIGNOSTATION** act as a team. The scanning process is performed in an automated routine. You choose the scanning range - the rest is done automatically. Data which can be recorded by LIGNOVISION are: Tree-ring width, early and latewood width, maximum density, minimum density. This provides you with valuable data for your research.



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