TSAP-Win™
Software for tree-ring measurement, analysis and presentation

Advantages:
- Modular design
- Supports LINTAB, VELMEX, ANIOL and other measurement stages
- Uses HEIDELBERG, TUCSON, CATRAS and other data formats
- Import of LIGNOVISION scanning data possible

Applications:
- Dendrochronology
- Dendroecology
- Dendroclimatology
- Archaeology
- Geography
- Geomorphology
- Forest science

Discovering the life story of trees

TSAP-Win Scientific follows the philosophy to cover the basic fields of dendrochronological analysis on one platform:
- Measurement - using LINTAB or other devices
- Editing - on-screen in the graph
- Cross-dating - on-screen, supported by statistical parameters
- Chronology building - from cross-dated samples or by adding samples to an existing chronology
- Graphs - lines, bars, beams, peaks
- Mathematical operations – Easy operations, indexation, trend/regression, correlations, statistics table
- Exchange with foreign data formats – Catras, Hemmenhofen, Birmensdof, INRA, Belfast, V-Format and others
- Connection of foreign measurement tables – Velmex, Aniol and other devices
- Database – comfortable sort and search of data, available soon

TSAP-Win manages time series on data stacks. Thus, samples can be kept apart from references and output data, such as index series.

TSAP-Win versions:
- Pro (Measurement, editing, cross-dating + chronology building)
- Additional modules: Math library, graph library, database, data format filters, database (in preparation)
- Scientific (includes all modules)
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Special features of TSAP-Win (examples)

Math Graph
- On-screen cross-dating, supported by statistical parameters, such as t-values, Gleichläufigkeit and cross-date index (CDI).
- Best matches will be listed and displayed in the graph.
- Series can be edited right away.
- Real-time calculation of correlation statistics.

Graph Library
- Line, bar, core beam and peak graphs.
- Reference and replication can be added.
- Series can be sorted by date, length and key code.
- Pointer years can be emphasised.
- Other editing functions.

Math Library
- Indexation.
- Trend/regression.
- Cross-date check (like COFECHA, but graphically supported).
- Transformation.
- Average/mean.
- Statistics table.
- Other functions.

Download a trial version from: www.rinntech.com/Products or contact us directly:

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