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AMAPstudio – Scan



An interactive software to build and edit a plant architecture from a TLS cloud

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Introduction

Objectives: Extract **topology** and **volumes** from an isolated tree TLS point cloud. Many existing solutions and several software to automatically build quantitative structure models.

However usually need to fix or to improve incomplete or incorrect 3D tree structure.

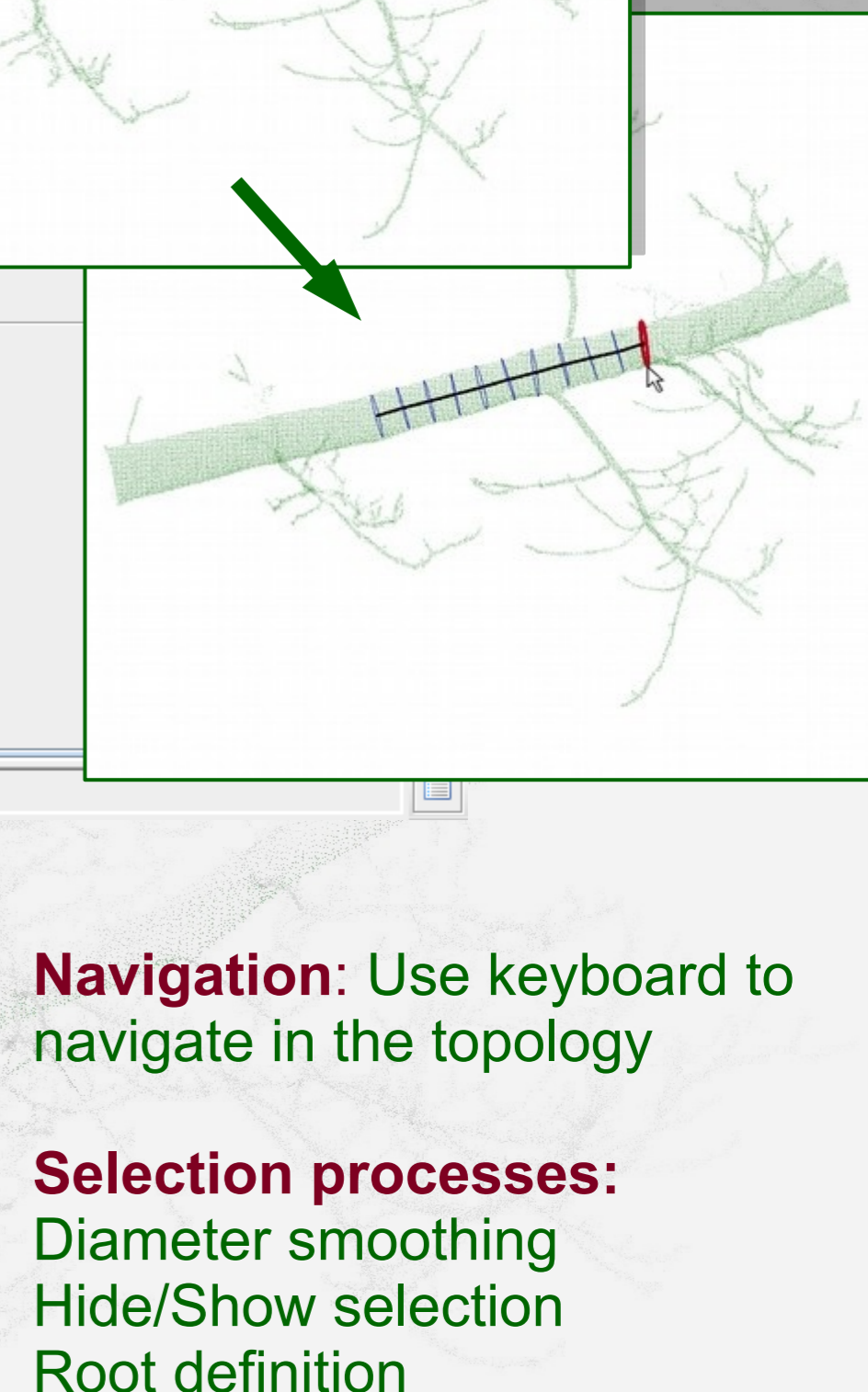
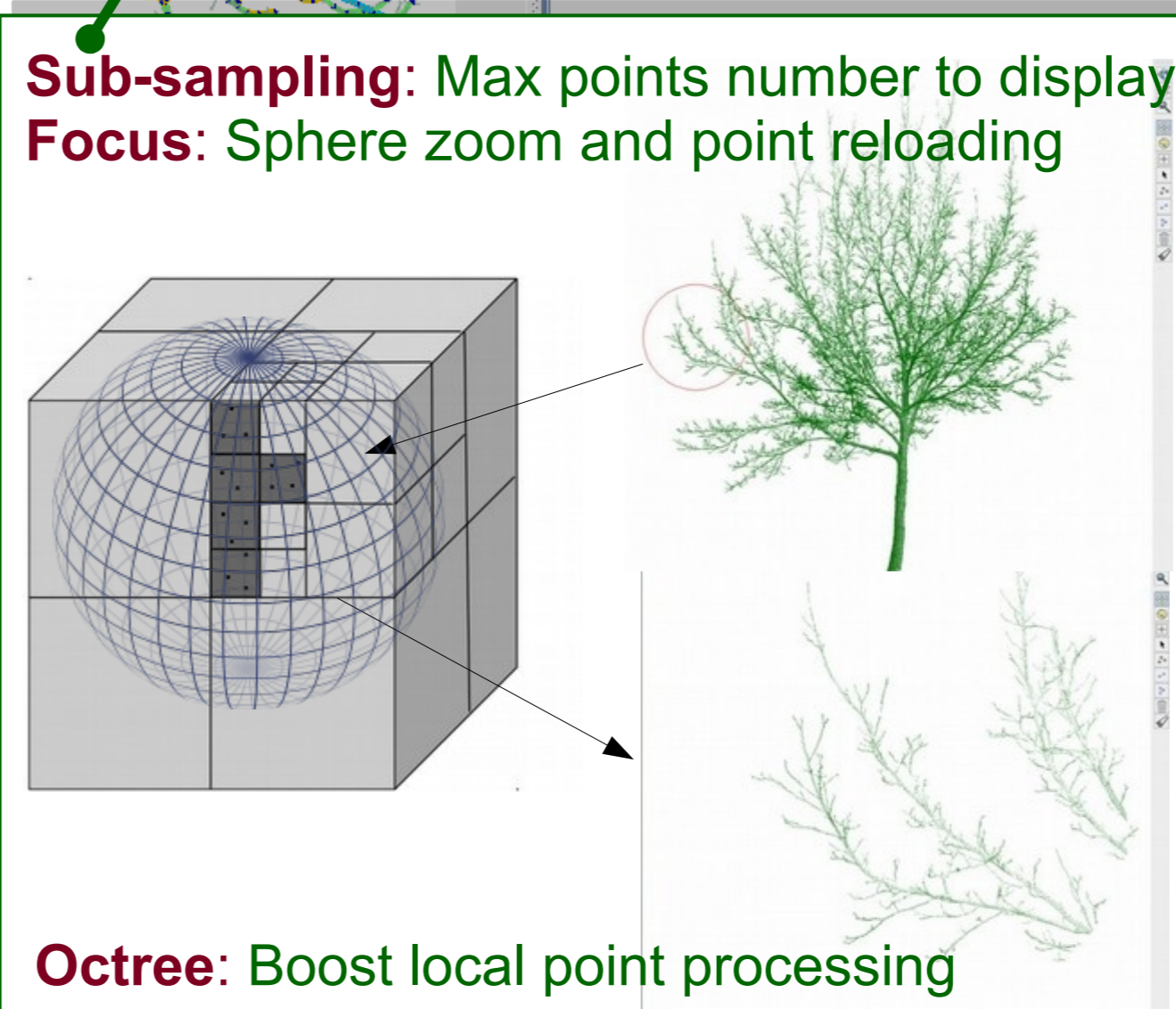
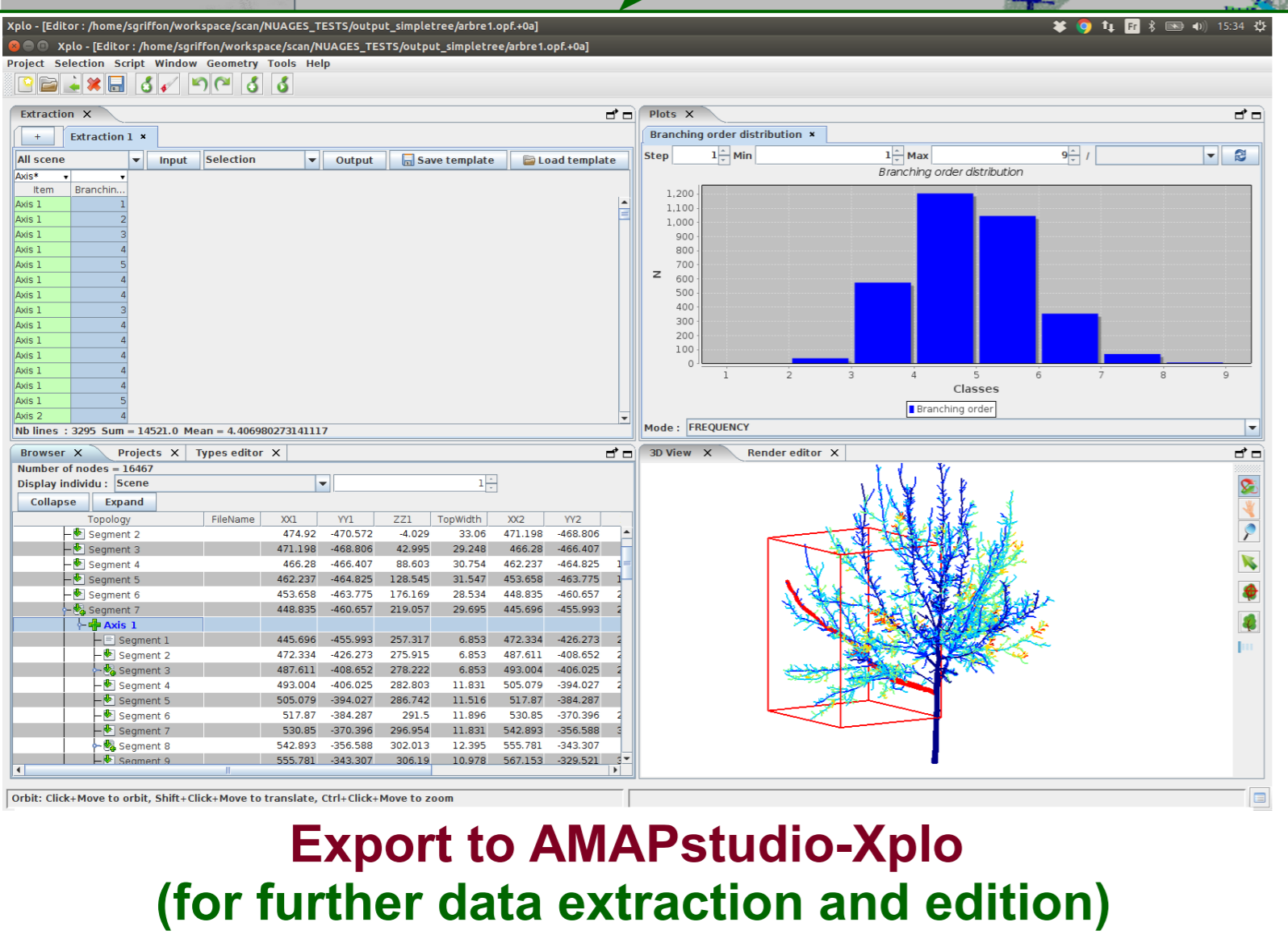
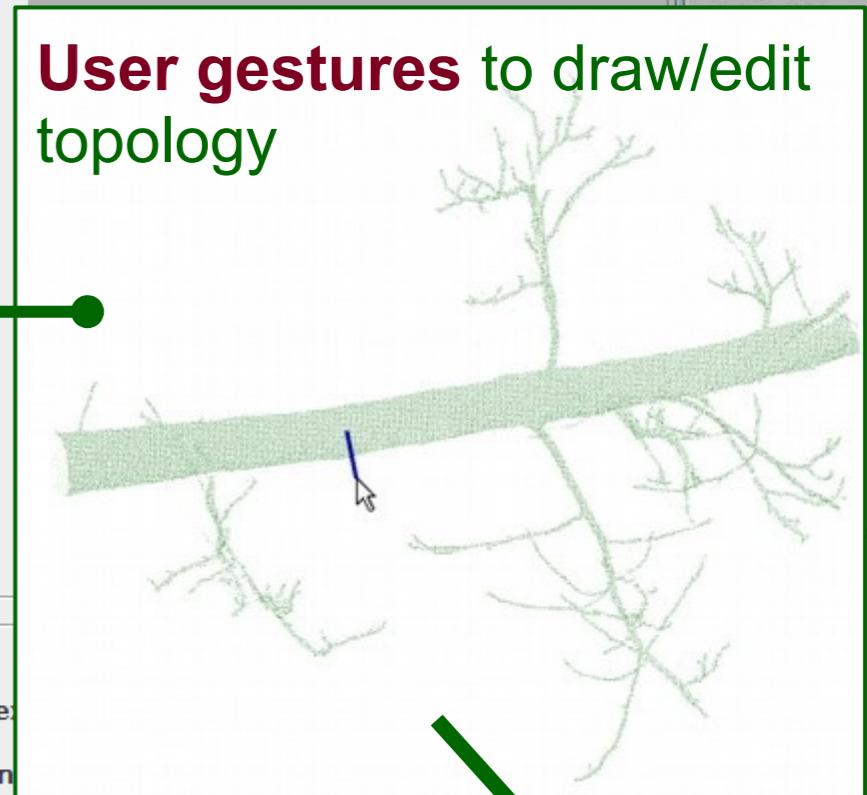
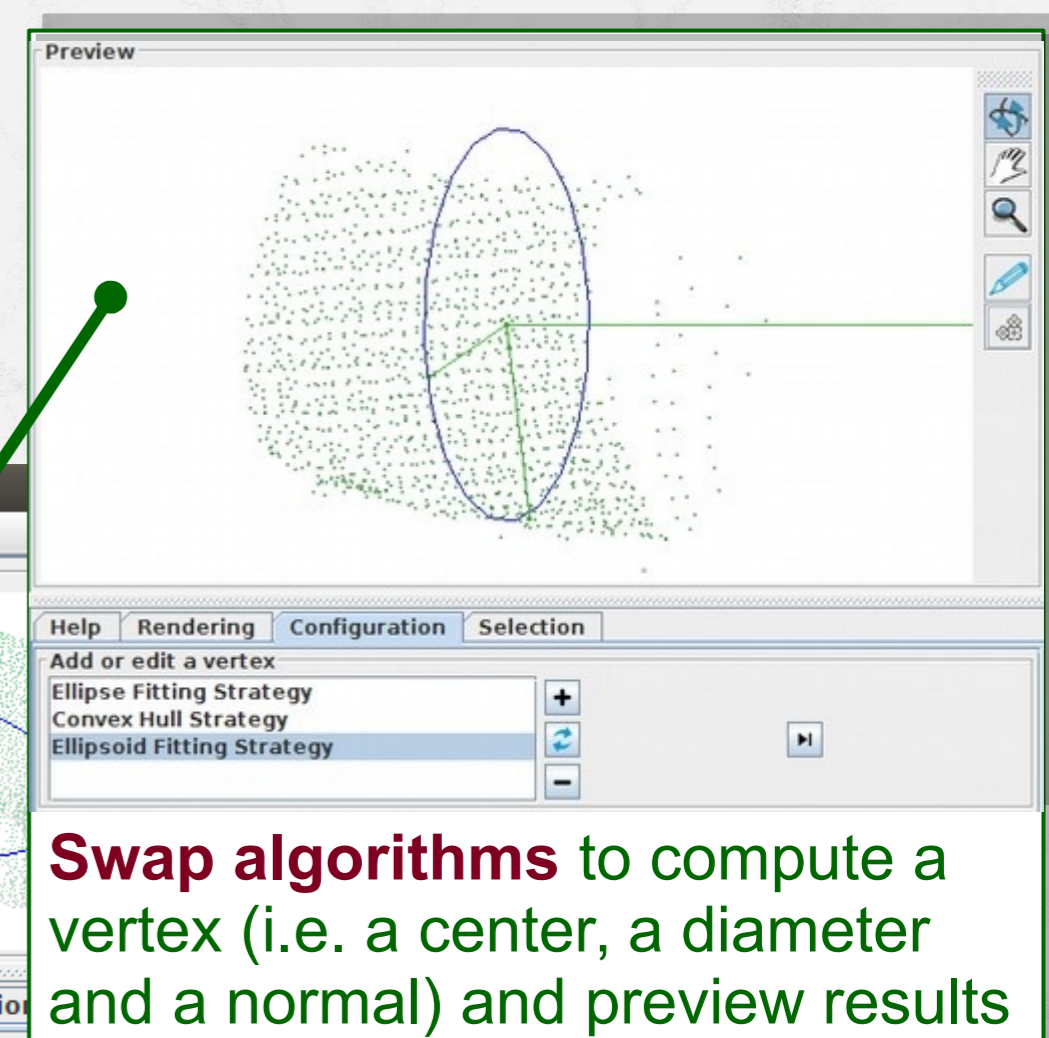
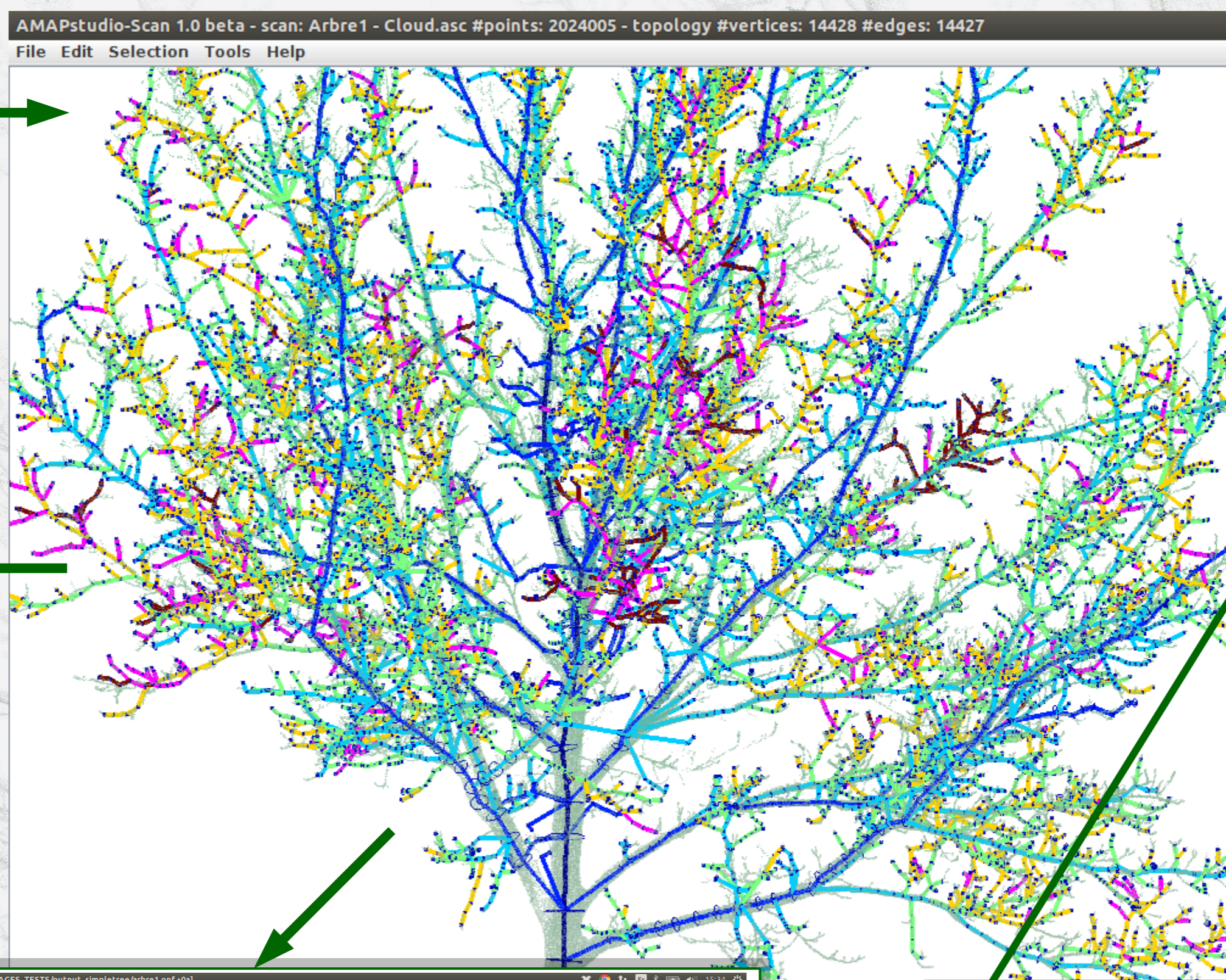
Idea: Develop a **tool** to **fix/improve manually** the results of automatic quantitative structure models **in a supervised way**.

Software features

3D **responsive** views
Swappable and configurable **renderers** (fast technique for points rendering)
Undo/Redo manager
Bi-language : French and English

Lidar .asc
SimpleTree
QSM formats
...

Corrected/
completed
topology files



Scan is part of the AMAPstudio software suite for plant architecture modelling
<http://amapstudio.cirad.fr>

