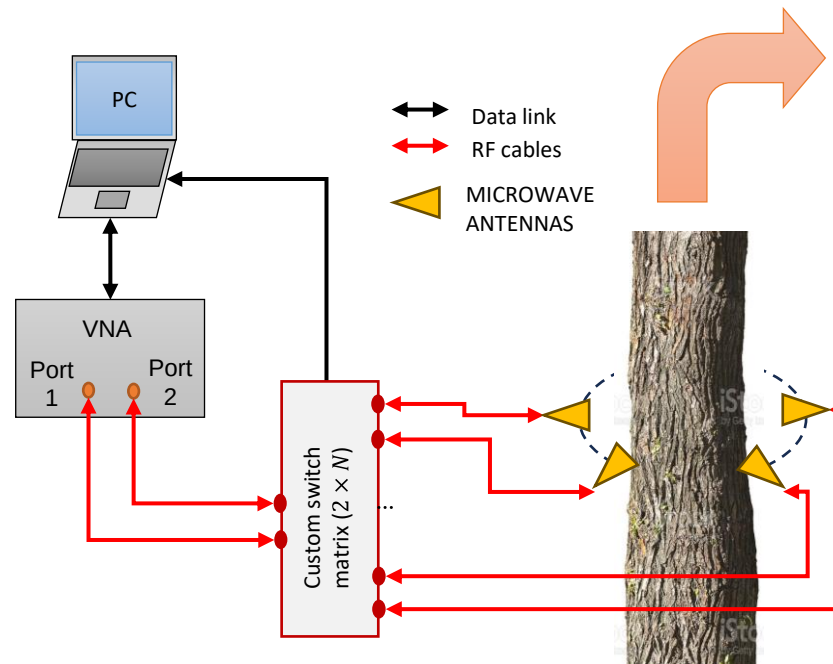


Application of innovative methodologies for non-invasive analysis of plant/tree health and quality using microwaves

- A set of antennas is placed around the plant/tree under test
- Measurement of the electromagnetic scattering phenomena
- Solution of a nonlinear inverse scattering problem
- Analysis of the dielectric properties of plants
- Goal: application of the proposed diagnostic system



Schematic of the microwave diagnostic system

