

# **PROF. DR. CLAUS MATTHECK**

**Symbiosis Consulting presents his latest research on:**

## **VISUAL TREE ASSESSMENT, TREE SAFETY DIAGNOSIS & FAILURE ANALYSIS**

**Monday 22<sup>nd</sup> & Tuesday 23<sup>rd</sup> May:**

**Fielder Conference Centre, Hatfield Business Park  
Hertfordshire**

**Wednesday 24<sup>th</sup> & Thursday 25<sup>th</sup> May:**

**Stoneleigh Park, Kenilworth, Warwickshire**

These will be full day indoor lectures with a different presentation on the two days at each venue. The proposed programme is outlined overleaf.

The delegate fee will be £145.00 plus V.A.T. per day, with a discounted rate of £260.00 plus V.A.T. for bookings for both consecutive days at either venue.

### **Additional Field Study Days**

**Sunday 21<sup>st</sup> May ~ Hatfield House, Hatfield, Hertfordshire**

**Friday 26<sup>th</sup> May ~ Bradgate Park, Leicestershire**

These days provide a unique opportunity to spend time assessing and discussing trees (including exceptional veteran specimens) with Claus, focusing on symptom detection. To ensure delegates are able to see and hear the outdoor presentations, numbers will be limited to approximately 30 delegates and allocated on a first come first served basis.

The delegate fee for the field study days will be £185.00 plus V.A.T.

**Booking forms can be downloaded from [www.symbiosis.gb.com](http://www.symbiosis.gb.com)  
Alternatively, they can be obtained by e-mailing [info@symbiosis.gb.com](mailto:info@symbiosis.gb.com)  
or telephoning 01455 828822**

## Proposed Programme for Seminars on 22<sup>nd</sup> & 24<sup>th</sup> May

### Tree Safety Diagnosis by Visual Tree Assessment (VTA): an updated introduction

This seminar is targeted at those new to VTA and practitioners wishing to refresh and update their knowledge to the current state of the art.

- Reading the body language of trees
- The library of symptoms and related defects
- Verification and measurement of defects
- Defect evaluation by use of failure criteria regarding hollowness, slenderness, root defects, lean & branch subsidence
- Basic knowledge on decay types
- Current legal decisions in Germany
- Body language of fungal fruit bodies

## Proposed Programme for Seminars on 23<sup>rd</sup> & 25<sup>th</sup> May

### VTA-Elite Seminar: Failure analysis around the tree and the presentation of Claus's latest research

The objective of this seminar is to create a higher level of interdisciplinary knowledge in failure analysis and natural design among experienced VTA practitioners.

- Failure modes in trees and related criteria
- The fight about hollow trees
- Shear bombs in trees
- Trees on slopes
- Limitations of sound measurements
- Limitations of drilling & pulling
- Limit load analysis instead of wind load assessment?
- A new formula for permanent tree containers
- Can the container formula also be utilized for trenching assessment?
- **Claus's new design rule for trees from leaf to root tip!!!!!!**
- Side support of branches quantitatively
- Branch pruning and stand thinning in comparison
- Leaf mechanics
- Teacher TREE: how to find biological shapes without a computer!!!



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