



**CLAUS MATTHECK 2018 LECTURES
BOOKING FORM**

**Holywell Park Conference Centre,
Loughborough University, LE11 3GR**

Tuesday 12th June:

The Science and Art of Visual Tree Assessment (VTA)

An updated introduction aimed primarily at those who are less familiar with Claus's work.
Delegates will receive a copy of the 'Updated Field Guide for Visual Tree Assessment' book

..... place(s) @ £195.00 plus V.A.T. (£234.00)

Wednesday 13th June:

A New Universal Understanding of Design in Nature & VTA Research Update

Targeted at more experienced practitioners; in the morning Claus will introduce his new book 'Pauli Explains the Form in Nature'. The afternoon session will be a summary of the best of the last five years of VTA research.

Delegates will receive a copy of the 'Pauli Explains the Form in Nature' book

..... place(s) @ £195.00 plus V.A.T. (£234.00)

Discounted rate for both days

..... place(s) @ £360.00 plus V.A.T. (£432.00)

Name (as to appear on badge):

Company/Organisation:

Address:

.....

Postcode: Telephone No:

E-mail:

If booking for more than one delegate please list additional names below:

.....

Special dietary requirements:

Payment required with booking; cheques payable to: Symbiosis Consulting Ltd

QR BACS payment can be made referencing your name on the payment

Sort Code: **40-28-06**
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Outline Programme for Tuesday 12th June

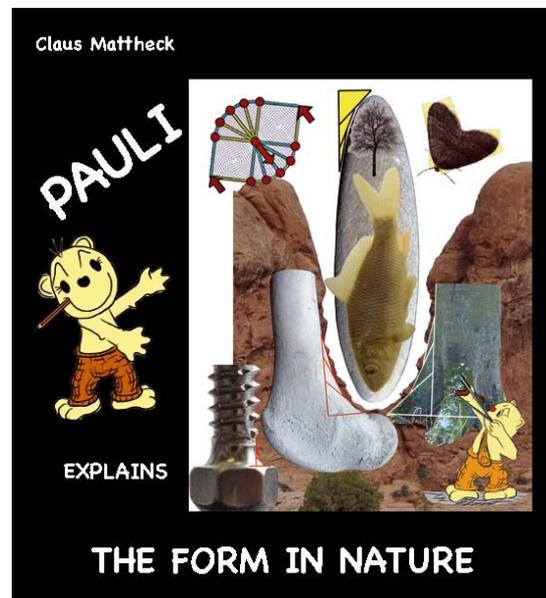
- ◆ Theoretical basics of VTA and related engineering standards
- ◆ Material properties and decay action
- ◆ Growth stresses in trees and self-destruction
- ◆ Crown shapes and pruning
- ◆ VTA symptoms for defects
- ◆ Leaning trees and subsiding branches
- ◆ Slender and hollow trees
- ◆ Failure criteria and their limitations
- ◆ Crack types and related risks
- ◆ Trees on slopes, cliffs, dikes and pipes
- ◆ Tools for deeper investigation of decayed trees
- ◆ Why there will never be a criteria for missing or decayed roots
- ◆ The body language of fungi
- ◆ Trees alongside railways
- ◆ A look into the future: the tree engineer?

Outline Programme for Wednesday 13th June

Morning: Claus will introduce his latest book, the condensed translation of his recent German book on the Body Language of Structures, entitled 'Pauli Explains the Form in Nature'

Afternoon: Update on the latest VTA research, to include:

- ◆ Failure of trees because they are too vigorous
- ◆ Advantages and risks of ovalization in branches
- ◆ The rule of rays for growth stresses in hollow and solid trees
- ◆ Extreme examples of the body language of trees
- ◆ Types of root decay and related failure
- ◆ Veteran trees- the strategy of assessment and care
- ◆ Whirls in wood and a new understanding of wood failure and self-repair
- ◆ Unavoidable limitations in tree biomechanics



Enquiries to: info@symbiosisconsultinguk.com or 01455 828822

Prof. Mattheck & Symbiosis Consulting Ltd accept no responsibility for the cancellation of any event due to Prof. Mattheck becoming unavailable as a consequence of accidents, transport strikes or other unforeseeable circumstances.