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Tree Damage from Chronic High Frequency Exposure?

Mobile Telecommunications, Radar, Radio Relay Systems, Terrestrial Radio, TV etc.

Timeline Sequence: „The Three Lime Trees“

Issued: April 2007

Dr.-Ing. Dipl.-Phys. Volker Schorpp

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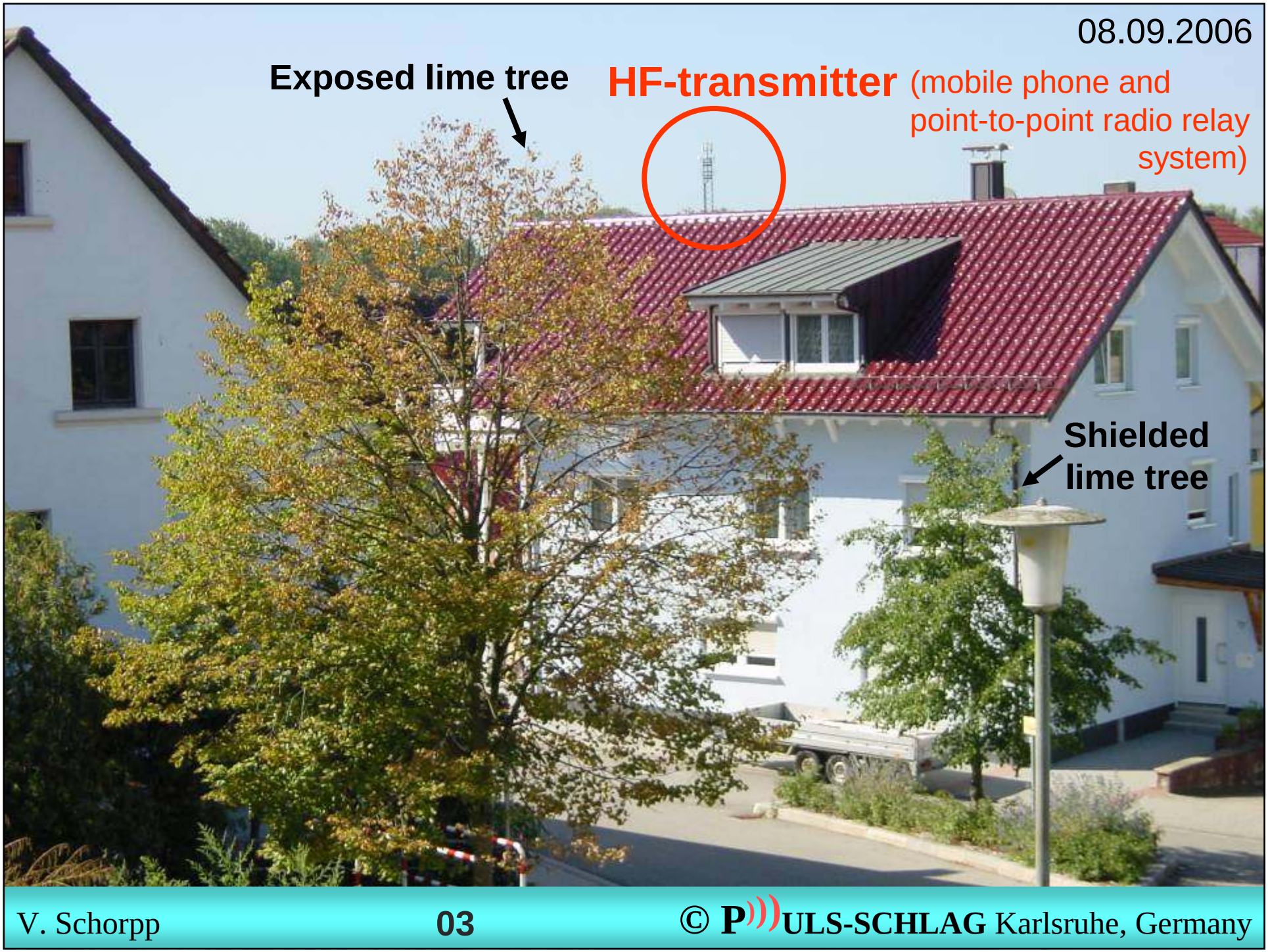
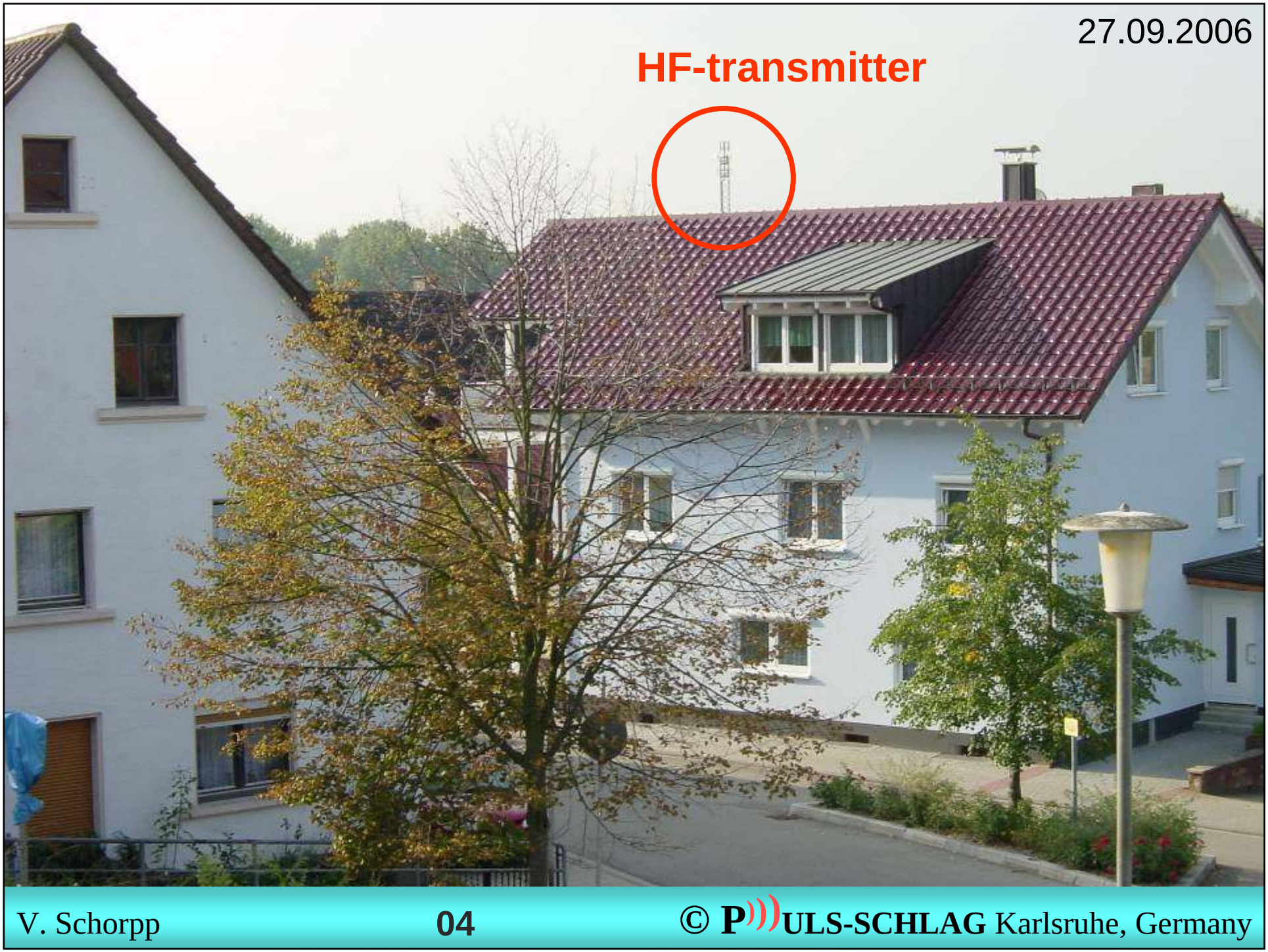
The Three Lime Trees

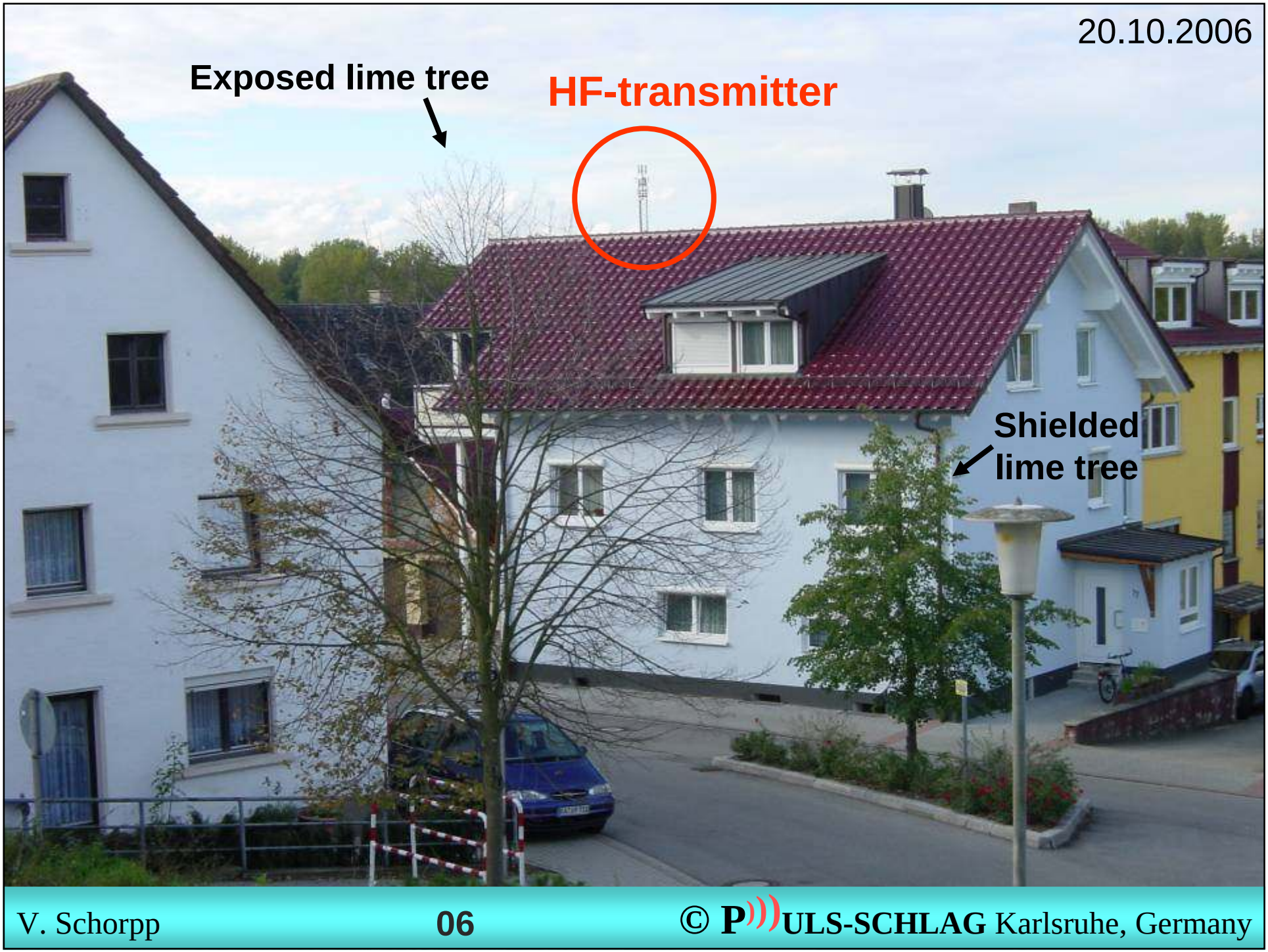
Could you think of any better way for the trees to point to the cause for their disease?

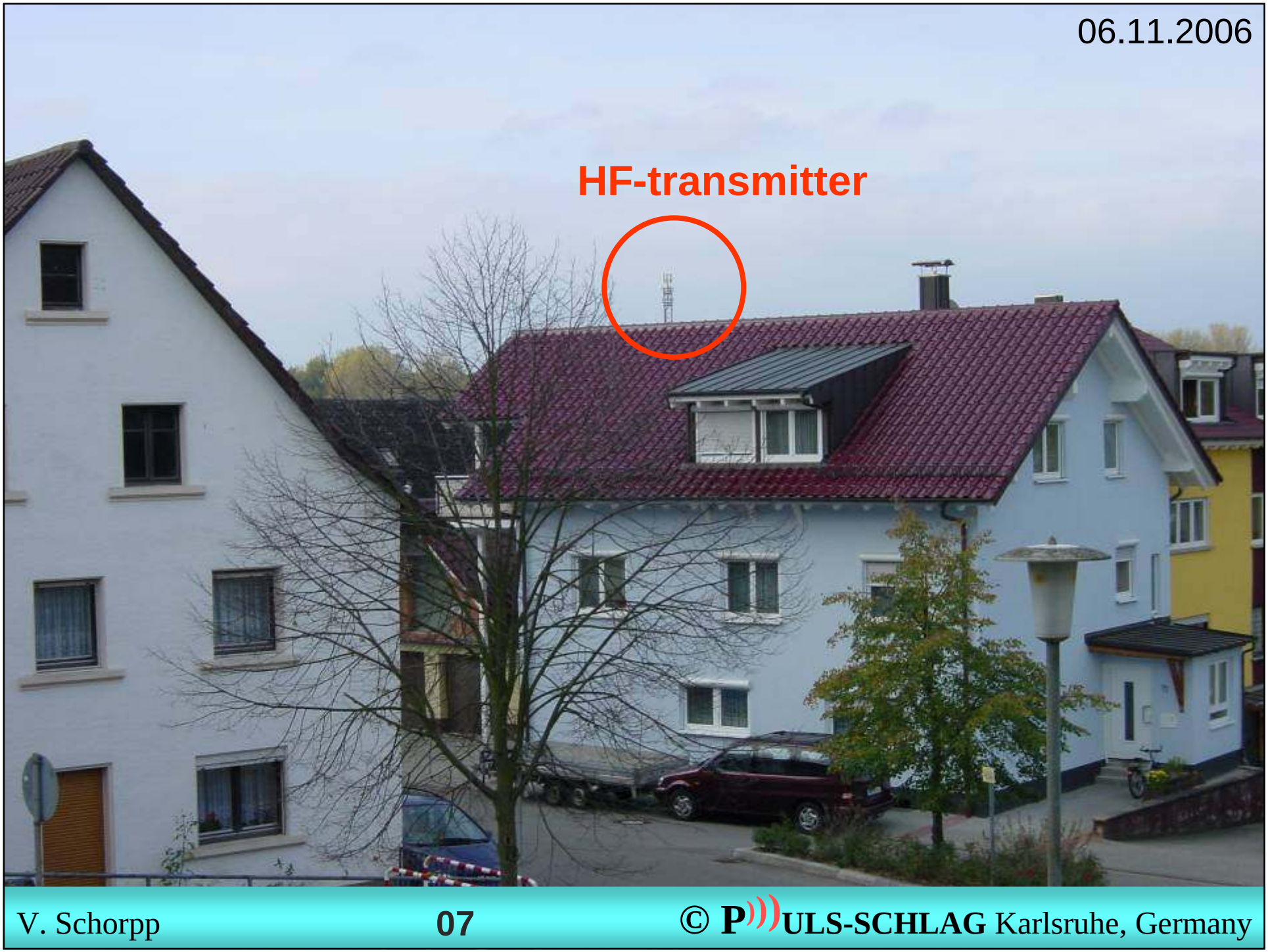
Translation from German by Andrea Klein, London


08.09.2006
Exposed lime tree
HF-transmitter (mobile phone and point-to-point radio relay system)
Shielded lime tree


27.09.2006
HF-transmitter

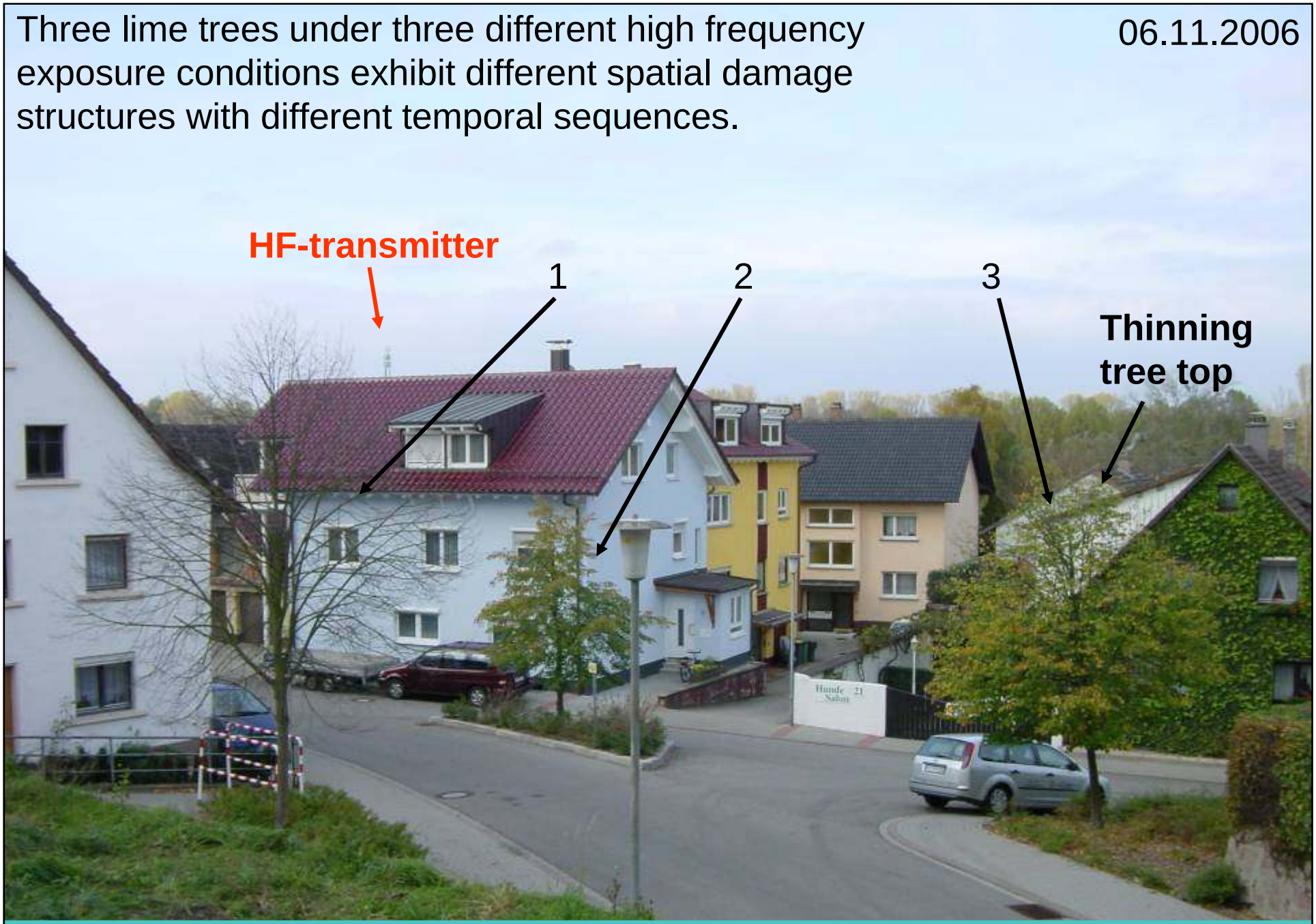
08.10.2006


20.10.2006
Exposed lime tree
HF-transmitter
Shielded
lime tree


06.11.2006
HF-transmitter

Three lime trees under three different high frequency exposure conditions exhibit different spatial damage structures with different temporal sequences.

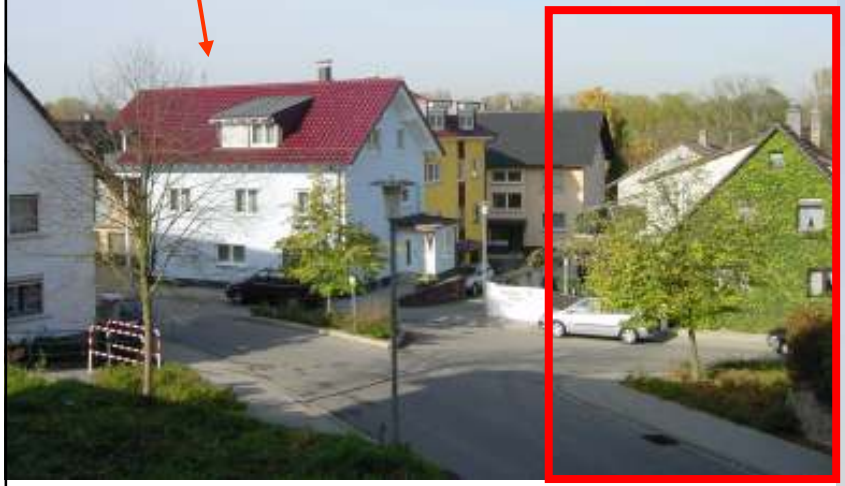
06.11.2006




09.11.2006
HF-transmitter
Thinning
tree top

09.11.2006

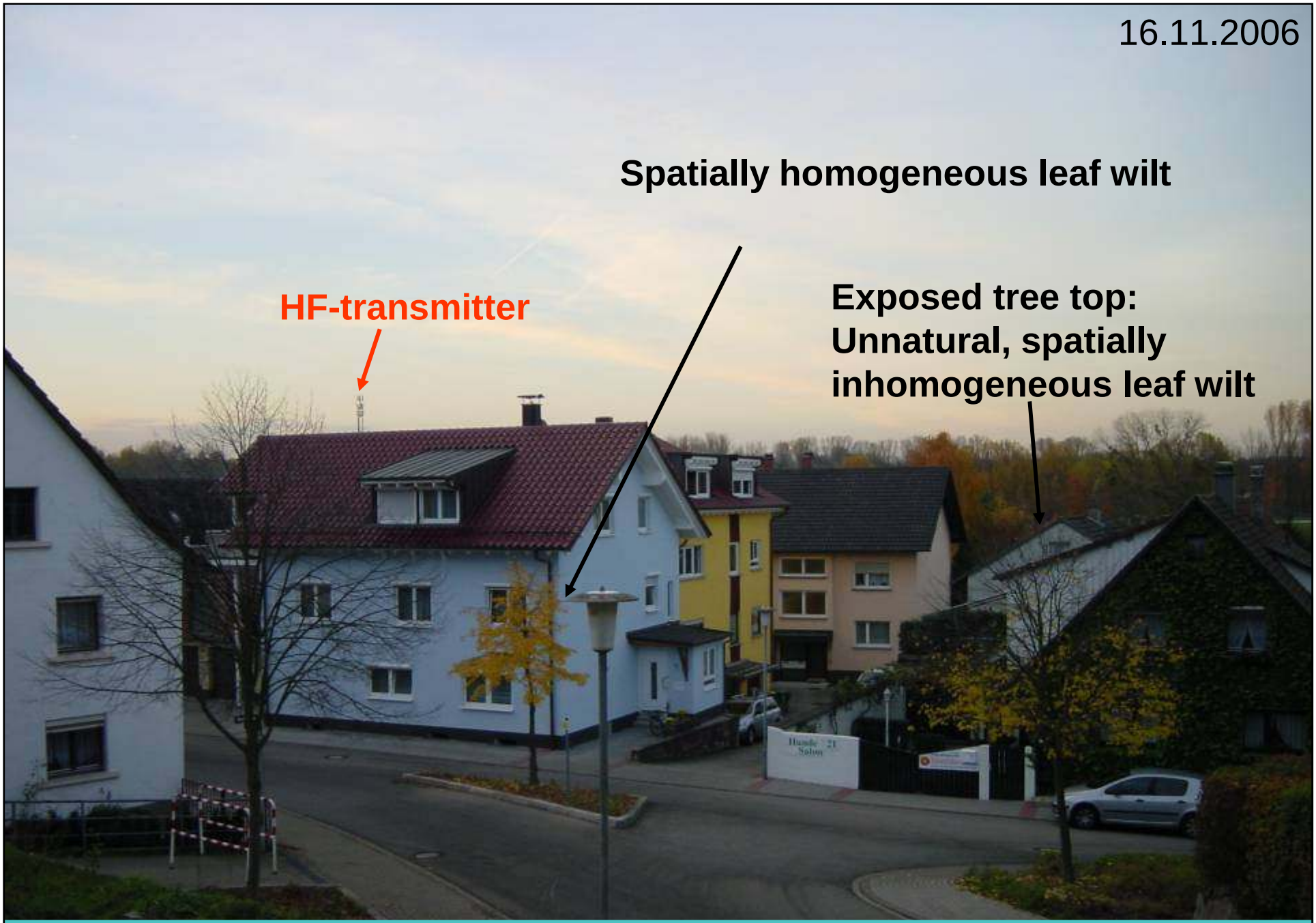
HF-transmitter



09.11.2006

Typically unnatural leaf wilt in the tree top area exposed to high frequency radiation

Spatially irregular exposure of free standing trees occurs almost exclusively in the built-up environment. Therefore, irregular damage patterns as shown in this picture are also almost exclusively found in the built-up environment.


16.11.2006
Spatially homogeneous leaf wilt
HF-transmitter
Exposed tree top:
Unnatural, spatially
inhomogeneous leaf wilt

Explanatory Model for the Timeline Sequence „The Three Lime Trees“

Mainly due to their position within the built-up environment, the three lime trees are exposed in different ways. They exhibit spatially different damage structures with different damage timelines. The exposure conditions in this case are simple and straightforward for anyone familiar with the propagation of high frequency radiation: The radiation is diffracted (bent downwards) by the roof ridge of the light blue house. Lime tree number 1(left) has the highest position. Its transmitter facing side suffers full height exposure to the diffracted high frequency radiation. The exhibited damage is also transmitter facing, i.e. it originates on the side facing the source of the radiation and expands in the direction of the radiation. The smaller lime tree number 2 has the lowest position and is shielded by the surrounding buildings. The propagation path of the diffracted radiation goes straight past its tree top. This tree does not exhibit any transmitter facing damage and sheds its leaves only in mid-November and with a regular pattern of wilting. Lime tree number 3 is positioned in a way which exposes part of its tree top to the diffracted radiation from the transmitter. This tree exhibits the “typical” spatially inhomogeneous (irregular) damage, expressed by the unnatural premature wilting of the leaves in the tree top. A situation where free standing trees are only partially exposed to high frequency radiation (i.e. only in their tree tops) can usually only be found within the built-up environment. Hence, this particular pattern of damage is also almost exclusively found in free standing deciduous trees within a built-up environment.

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Die rasante Ausbreitung der Mobilkommunikation und vielfältiger Funkanwendungen hat zu einer neuen, globalen Umweltbelastung durch modulierte, hochfrequente, elektromagnetische Wellen geführt. Die drei Referenten gehen umfassend und leicht verständlich auf die Problematik chronischer Hochfrequenz-belastungen ein.

Frau Dr. Mauser schildert ihre ärztlichen Erfahrungen in der medizinischen Praxis seit der Inbetriebnahme dreier Mobilfunksender in ihrer Gemeinde vor über sieben Jahren. **ca. 20 min**

Dr. Schorpp stellt einfach und klar die Mobilfunktechnik und das Zustandekommen der Grenzwerte vor. Anschaulich vermittelt er die Wirkung modulierter Hochfrequenzstrahlung auf das signalverarbeitende biologische System. Weil der Mensch keine bewusste Wahrnehmung für derartige elektromagnetische Wellen hat, demonstriert Dr. Schorpp eindrucksvolle Experimente mit hörbaren Schallwellen, um die biologischen Wirkungen "erlebbar" zu machen. Er erläutert, wie Menschen, Tiere und Pflanzen unter der Strahlung leiden und zeigt Letzteres ausführlich anhand einer beeindruckenden Bild-Dokumentation von Baumschäden, die kaum einen Zweifel an einem ursächlichen Zusammenhang mit den Senderstandorten zulässt. **ca. 1 h 45 min**

Frau Dr. Waldmann-Selsam erläutert anhand einzelner Fallbeispiele die wesentlichen Ergebnisse ihrer ärztlichen Erhebungen an mehr als 220 Mobilfunkstandorten. **ca. 20 min**

Bitte erwerben Sie die DVD käuflich! Der Erlös fließt in gute Projekte, wie z.B. einen Foto-Wettbewerb zur Dokumentation von Baumschäden.

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Gesundheitsgefahren durch die mobile Kommunikation & Baumschäden durch chronische Hochfrequenzbelastungen
Dr. med. Annette Mauser, Ärztin für Allgemeinmedizin, Dr. med. Cornelia Waldmann-Selsam, praktische Ärztin, Dr.-Ing. Volker Schorpp, Physiker

Spielzeit ca. 2 h 45 min

DVD VIDEO

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Mit Computer-Präsentation der Baumschäden

Gesundheitsgefahren durch die mobile Kommunikation

Baumschäden durch chronische Hochfrequenzbelastungen

Dr. med. Annette Mauser, Ärztin für Allgemeinmedizin
Dr. med. Cornelia Waldmann-Selsam, praktische Ärztin
Dr.-Ing. Volker Schorpp, Physiker

Live-Mitschnitt einer Informationsveranstaltung zum Thema „Risiken durch Mobilfunk" in Rheinstetten-Mörsch am 24. Januar 2007

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