

RECENT ACTIVITIES (TEACHING, EDUCATION, ORAL and POSTER PRESENTATIONS, PUBLIC-RELATIONS AND EXTENSION):

- **2002**
- 14 November 2002 - Lamont-Doherty Earth Observatory, Columbia University, Palisades, New York (U.S.A.): lecture "Swiss experiences in forest ecology: linking dendroecology to ecophysiology for a deeper understanding of tree-ring formation".
- 12 November 2002 - Cornell University, Ithaca, New York (U.S.A.): lecture as part of the Finger Lakes Chapter of the Archeological Institute of America lecture series "Understanding mediterranean tree rings: the contribution of ecology, physiology, and wood anatomy to dendroecology".
- 25 October 2002 - Convegno "Legno e ghiaccio: scrigno del clima", Museo Tridentino di Scienze Naturali, Trento (Italy): oral presentation "Lo studio dei pericoli naturali attraverso l'applicazione integrata di tecniche dendrocronologiche e GIS" (by M. Bezzi, M.G. Cantiani, M. Ciolli, G. Comunello, P. Cherubini).
- 10 October 2002 - Newspaper *Aargauer Zeitung*: Article "Figaros schneiden Tännchen" on a research experiment going on for assessing the effects of defoliation on tree physiology.
- 9 October 2002 - Newspaper *Zofinger Tagblatt*: Article "«Figaros» schneiden Tännchen das Nadelkleid" on a research experiment going on for assessing the effects of defoliation on tree physiology.
- 25-27 September 2002 - Jahrestagung der Arbeitsgemeinschaft Stabile Isotope, Warnemünde (Germany): Poster "The influence of NO_x on the 15N/14N-variations in tree rings near a motorway" (by M. Saurer, B. De Cinti, P. Cherubini, R. Siegwolf).
- 19 August 2002 - Visit to the WSL by Prof. Dr. R. Eichler, Director of the Paul Scherrer Institute PSI (Villigen, Switzerland): talk on "Stable isotopes in tree rings as indicators of past environmental conditions".
- 6 June 2002 - Visit to the WSL by MeteoSwiss: lecture on "Was können Jahrringen sagen in Langfristige Waldökosystemforschung?".
- 23 March 2002 - Comune di Modena, Assessorato alla Cultura, Modena (Italy): "Leggere gli alberi", lecture on the use of dendrochronology in forest ecology to K-12 kids within the "Mese della Scienza per Ragazzi" (by Cherubini P., De Cinti B.).
- 21-22 February 2002 - Istituto Italiano di Dendrocronologia (IID), Museo Civico di Storia Naturale di Verona, Verona (Italy): Chair session "Uno sguardo sulla situazione italiana", Annual meeting IID "Situazione attuale e prospettive della dendrocronologia in Italia".
- 21-22 February 2002 - Istituto Italiano di Dendrocronologia (IID), Museo Civico di Storia Naturale di Verona, Verona (Italy): Moderator round-table discussion "Prospettive future della dendrocronologia in Italia: quali sono le priorità della ricerca?", Annual meeting IID "Situazione attuale e prospettive della dendrocronologia in Italia".
- 18 February 2002 - Telephone Interview RSI (Radio Svizzera Italiana), within the cultural programme "Schegge", Rete2, on climate change, movement of forest ecosystems, and LWF activities.
- 31 January 2002 - Visit to the WSL by students of the Swiss Federal Institute of Technology (ETH) Zürich: lecture on "Langfristige Waldökosystemforschung".
- **2001**

- 11 December 2001 - WSL, Birmensdorf, LWF-Lunch Discussion: "Aussagekraft des *Impact factor* für die langfristige Waldforschung - Eine Interview von Paolo Cherubini mit Alois Kempf".
- 16 October 2001 - Organization and chairing (as moderator) of the Round Table "Ricerca e società: quale divulgazione scientifica per il settore forestale italiano oggi?" at the "III° Congresso Società Italiana di Selvicoltura ed Ecologia Forestale" (15-18 October 2001, Viterbo, Italy).
- 15-18 October 2001 - Viterbo (Italy): Oral presentation "Integrazione di tecniche GIS e dendrocronologiche per lo studio dei fenomeni valanghivi" (by Bezzi M., Cantiani M.G., Cherubini P., Ciolli M., Comunello G.) at the "III° Congresso Società Italiana di Selvicoltura ed Ecologia Forestale" (15-18 October 2001, Viterbo, Italy).
- 22-26 September 2001 - Scientific organization and scientific secretariat of the conference "Tree Rings and People", an International Conference on the Future of Dendrochronology, a tribute to Fritz Hans Schweingruber (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "Mediterranean tree rings: difficulties encountered during the dating" (Cherubini P., Gartner B., Tognetti R., Bräker O.U., Innes J.L.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "To what extent can oxygen isotopes in tree rings be used to reconstruct past atmospheric temperature? An analysis of *Abies alba* in Switzerland" (by Rebetz M., Saurer M., Cherubini P.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "Tree rings as tools to reconstruct past avalanches" (by Bezzi M., Ciolli M., Cantiani M.G., Cherubini P.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "Tree-ring analysis for the assessment of the effects of coastal erosion on *Pinus pinea* growth" (by Raddi S., Cherubini P., Bräker O.U., Magnani F.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "The impact of two fungal root pathogens on tree-ring growth of *Pinus mugo* in the Swiss National Park (Engadine, Switzerland)" (by Fontana G., Rigling D., Dobbertin M., Brang P., Innes J.L., Cherubini P.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "Mapping avalanche risk using GIS and dendrochronological techniques" (by Comunello G., Ciolli M., Cherubini P.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22-26 September 2001 - Poster "Age determination of two evergreen woody species (*Pistacia lentiscus* and *Phyllirea latifolia*) of Mediterranean macchia vegetation" (by Gucci R., Bräker O.U., Schoch W., Cherubini P.) at the conference "Tree Rings and People" (Davos, Switzerland, September 22-26, 2001).
- 22 September 2001 - Opening talk at the conference "Tree Rings and People", an International Conference on the Future of Dendrochronology, a tribute to Fritz Hans Schweingruber (Davos, Switzerland, September 22-26, 2001).
- 14 June 2001: "Correlatore" for the "Tesi di laurea" (degree), titled "Integrazione di tecniche GIS, GPS e dendrocronologiche per uno studio innovativo del rischio valanghivo in Val di Pejo", presented by Mr. Marco Bezzi, at the "Facoltà di Ingegneria" of the "Università degli Studi di Trento"

("Relatore" Prof. Maria Giulia Cantiani, Dr. Ing. Paolo Scotton, "Correlatore" Dr. Marco Ciolli and Dr. Paolo Cherubini).

- 1 June 2001 – Giornata di studio "Ozono e foreste", Società Italiana di patologia Vegetale (S.I.Pa.V.), Società Italiana di Selvicoltura ed Ecologia Forestale (SISEF), Università di Pisa, Italy: Lecture (with M. Schaub, N. Kräuchi) "Ozono e foreste: la situazione in Svizzera"
- 18 May 2001 - Università di Pisa, Italy: Lecture, graduate students in Scienze ambientali, "La dendroecologia: leggere gli anelli annuali degli alberi per ricostruire la storia dell'ambiente"
- 17 May 2001 – Seminario "Il monitoraggio delle condizioni delle chiome nei boschi d'Europa. Attività e risultati in Italia", Università di Firenze, Italy: Talk "Il programma svizzero di monitoraggio delle foreste"
- 7 May 2001 - WSL, Birmensdorf, WSL Kolloquium: Lecture (M. Dobbertin, P. Cherubini, D. Rigling) "Dem mysteriösen Tod der Bergföhren im Nationalpark auf der Spur"
- 21 February 2001 – International Dendroecological Laboratory Week, 19-23 February 2001, Freiburg i.B., Germany, Visit to the WSL: Lecture "Tree rings as records of past natural and anthropogenic disturbances in long-term forest ecosystem research programmes"
- 15 January 2001 - Telephone interview RSI (Radio Svizzera Italiana, Rete2), on the results of the 2000 Sanasilva inventory (crown transparency), and on forest health in Switzerland
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- **2000**
- 5 December 2000 - Accademia Italiana di Scienze Forestali, Workshop "Il campionamento nella valutazione e monitoraggio delle risorse ambientali", Firenze, Italy: Co-authorship lecture "La questione del campionamento nelle reti dedicate al monitoraggio degli effetti dell'inquinamento atmosferico e dei cambiamenti climatici sulle risorse ambientali. Tra vecchi problemi e nuove necessità"(by Ferretti M., Cherubini P., Dobbertin M., Nimis P.L., Parr T.W.)
- 4 December 2000 - Visit to the WSL by students of the Hochschule Rapperswil, Switzerland: Lecture "Jahrringe und Klimaveränderungen"
- 24 November 2000 - Provincia di Firenze, Meeting "Ozono nella Provincia di Firenze: da misure puntiformi a stime quantitative territoriali" Firenze, Italy: Presentation of the exhibition (17 posters) on the effects of high ozone concentrations in Ticino forests ("L'ozono nel bosco ticinese: una mostra itinerante")
- 10 October 2000 - The University of British Columbia, Vancouver B.C., Canada: Invited Seminar, Forest Sciences Departmental Seminar, "Do trees grow faster under naturally enhanced ambient CO₂ concentrations?"
- 3-6 October 2000 - Convegno Nazionale ASITA, Genova, Italy: Co-authorship poster "Impiego di tecniche GIS e di dendrocronologia applicata per lo studio delle zone potenzialmente esposte al rischio di valanghe"
- 21 September 2000 - KV Business School, Zurich, *Vernissage* German Exhibition on the effects of high ozone concentrations in Ticino forests: talk "Auswirkungen auf Waldbäume". Teaching scholars 14-18 yrs old, ten classes "Berufsschule" and "KV"(two days)
- 31 August 2000 - Lausanne, Annual Meeting Schweizerischer Forstverein SFV: Co-authorship poster "Dégâts du à l'ozone dans la forêt tessinoise"
- 5 August 2000 - Snowbird (Utah, U.S.A.), Business meeting International LTER Chairs: The Swiss contribution to ILTER
- 2-5 August 2000 - Snowbird (Utah, U.S.A.), All Scientists Meeting International Long Term Ecological Research (LTER): Presentation poster

"Oxygen isotopes in tree rings of *Abies alba* at a Swiss LTER site: the climatic significance of interdecadal variations"

- 2-5 August 2000 - Snowbird (Utah, U.S.A.), All Scientists Meeting International Long Term Ecological Research (LTER): Presentation poster "Long-term Forest Ecosystem Research (LWF) - The Swiss contribution to the ILTER-Network"
- 28 July 2000 - Visit to the WSL by Forstreferendare Hessen, Germany: Lecture "Einführung in die Densitometrie (Holzdichtemessung) und Vorführung des Densitometers"
- 3 July 2000 - WSL, Birmensdorf, LWF-Lunch Discussion: Lecture "Oxygen isotopes in tree rings of *Abies alba*: the climatic significance of interdecadal variations"
- 16 June 2000 - WSL, Birmensdorf: Talk "The international conference at Mendoza, Argentina (April 2000) and the future of tree-ring research"
- 4 April 2000 - Mendoza, Argentina: Lecture "Comparative stem-growth rates of Mediterranean trees under background and naturally-enhanced ambient CO₂ concentrations" at the "International Conference on Dendrochronology for the Third Millennium" (2-7 April 2000, Mendoza, Argentina)
- 3 April 2000 - Mendoza, Argentina: Co-authorship paper "^d18O in tree rings of *Abies alba*: The climatic significance of interdecadal variations", presented by R. Siegwolf at the "International Conference on Dendrochronology for the Third Millennium" (2-7 April 2000, Mendoza, Argentina)
- 27 March 2000 - WSL, Birmensdorf, WSL Kolloquium: Lecture "Comparative stem-growth rates of Mediterranean trees under background and naturally-enhanced ambient CO₂ concentrations"
- 10 March 2000 - Consiglio Nazionale Ricerche, Istituto per l'Agroselvicoltura, Porano (Italia): Lecture "Gli anelli annuali degli alberi quali archivi della storia della foresta: il segnale di eventi climatici estremi e di azioni di disturbo antropogenico"
- 9 March 2000 - Università di Viterbo (Italia): Lecture "Anelli annuali di specie forestali mediterranee cresciute in condizioni di elevata concentrazione di CO₂ presso la sorgente naturale di Lajatico (Pisa)"
- 28 February 2000 - WSL, Birmensdorf, LWF-Lunch Discussion: Lecture "Comparative stem-growth rates of Mediterranean trees under background and naturally-enhanced ambient CO₂ concentrations"
- 28 January 2000 - WSL, Birmensdorf: Lecture "Comparative stem-growth rates of Mediterranean trees under background and naturally-enhanced ambient CO₂ concentrations" at the "Dendro-Kolloquium" (28 January 2000, Birmensdorf, Switzerland)
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- **1999**
- 4 November 99 - Information day, Vordemwald/AG: Presentation of tree-ring studies within the LWF activities to representatives of AgrarForstMeteorologie Arbeitsgruppe (Swiss Meteorological Institute, SMA)
- 1 November 99 - Lugano, Ticino: Interview RSI (Radio Svizzera Italiana), within the cultural programme "Pentagono", " Sentieri nel bosco" (Rete2), on WSL and LWF activities, and on ozone effects on forest health
- 22 October 99 - Bologna (Italy): Lecture "Influenza dell'aumento della CO₂ atmosferica sulla crescita di specie arboree mediterranee" at the "II° Congresso Società Italiana di Selvicoltura ed Ecologia Forestale" (20-22 October 99, Bologna, Italy)
- 20-22 October 99 - Bologna (Italy): Presentation of the exhibition on the effects of high ozone concentrations in Ticino forests ("L'ozono nel bosco ticinese: una

mostra itinerante") at the "II° Congresso Società Italiana di Selvicoltura ed Ecologia Forestale" (20-22 October 99, Bologna, Italy)

- 15 October 99 - Bellinzona, Ticino: Lecture "L'ozono nel bosco ticinese: un'esperienza di divulgazione scientifica", for scholars at the "Liceo di Bellinzona"
- 24 September 99 - Susa, Torino (Italy): Lecture "Studio dendroecologico presso una sorgente naturale di CO₂ in Toscana", at the course "Soil, forest, snow - Post degree course", Università di Torino
- 23 September 99 - Susa, Torino (Italy): Lecture "Uso degli anelli annuali per la datazione di eventi estremi: potenzialità e problematiche", at the course "Soil, forest, snow - Post degree course", Università di Torino
- 19 September 99 - Backagården (Sweden): Lecture "Tree-ring growth under long-term elevated CO₂ concentrations at natural springs in Toscana (Italy)" at the "Nordic research course in dendrochronology and dendroclimatology" organised by the Department of Quaternary Geology, Lund University and funded by the NORdic Research Foundation (13-20 September 1999, Backagården, Sweden)
- 17 September 99 - Backagården (Sweden): Lectures "Tree rings as tools for the detection of past anthropogenic and natural disturbances" at the "Nordic research course in dendrochronology and dendroclimatology" organised by the Department of Quaternary Geology, Lund University and funded by the NORdic Research Foundation (13-20 September 1999, Backagården, Sweden):
 - a lecture ("The detection of past disturbances using tree rings: basics and applications"),
 - a laboratory work ("Reading tree rings: the tree-life history"),
 - a discussion ("The detection of past disturbances using tree rings: potentiality and methodological problems")
- 7 September 99 - Rapolano, Siena (Italy): Lecture "Le «Ricerche a lungo termine su ecosistemi forestali» in Svizzera: metodi dendroecologici per la ricostruzione delle dinamiche dei popolamenti" at the course "Monitoraggio, valutazione, diagnosi ecosistemi forestali" organised by Linnæa ambiente srl, CNR, University of Siena (6-11 September, Rapolano, Italy)
- 15 May 99 - Presentation of the exhibition on the effects of high ozone concentrations in Ticino forests ("L'ozono nel bosco ticinese: una mostra itinerante") at the "Parco Botanico del Canton Ticino, Isole di Brissago"
- 21 April 99 - Co-authorship paper "Forest decline in Scots pine stands in Visp (Switzerland)", presented by A. Rigling at the IUFRO W.P.7.03.10 workshop on "Methodology in forest insect and disease survey in Central Europe" (Sion-Châteauneuf, Switzerland)
- 22-26 March 99 - Presentation of the poster "Long-term elevated CO₂ concentrations: tree-ring growth of macchia species is not enhanced." at the annual meeting of the the Society for Experimental Biology (SEB) (Heriot-Watt University, Edinburgh, Scotland)
- 25 February 99 - "Tesi di laurea" (degree) of Cinzia Sarti "Indagine sulla differenziazione delle forme di humus e loro influenza sulla rinnovazione di abete rosso in una tagliata a raso nella Foresta di Paneveggio (TN)", at the "Facoltà di Agraria", "Corso di laurea in Scienze Forestali", "Università di Firenze"
- 19 February 99 - Interview "Io e gli alberi" for the Italian-written newspaper of Zurich "La Pagina" (published 24th March 99)
- 18 January 99 - Presentation of the exhibition on the effects of high ozone concentrations in Ticino forests ("L'ozono nel bosco ticinese: una mostra itinerante") at the WSL
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- **1998**
- 15 December 98 - Interview on "Jahrringforschung und andere Paleodaten" for the film "Das Spiel mit dem Klima - Sind wir die neuen Wettergötter?", by Volker Gehrke, Sender Freies Berlin, Deutsche Dritte Sender, Germany
- 25 September 98 - Lattecaldo, Morbio Superiore (TI): Presentation of the exhibition on the effects of high ozone concentrations in Ticino forests ("L'ozono nel bosco ticinese: una mostra itinerante") to the Press
- 31 July 98 - Visit to the WSL by Forstreferendare Nordrhein-Westfalen, Germany: lecture on "Dendrochronologie an der WSL / Bestandesgeschichte in Langfristige Waldökosystem Forschung in der Schweiz"
- 20 July 98 - VII International Congress of Ecology INTECOL, Florence, Italy: lecture on "Long-term forest growth trends reconstructed from tree rings: a potential sampling bias?"
- 19 July 98 - 1998 International Long Term Ecological Research (LTER) Business Meeting, Florence, Italy: lecture on "The Swiss Long-Term Forest Ecosystem Research"
- 9 July 98 - Visit to the LTFER-plot "Vordemwald" by scholars of the Kantonsschule Winterthur: presentation of "Jahrringe als Zeugen der Bestandesgeschichte"
- 1-5 June 98 - Master Course Consortium for the Education on Mountain and Marginal Ecosystems, Val di Susa, Turin, Italy: lecture on "L'uso della dendroecologia per la valutazione del territorio: alberi quali archivi viventi"
- 13 May 98 - Faculty of Forestry, University of Florence, Italy: lecture on "Gli alberi quali archivi viventi: anelli annuali e ambiente"
- 29 January 98 - Visit to the WSL by students of the Swiss Federal Institute of Technology (ETH) Zürich: lecture on "Tree-ring analyses"
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