

**ShuaiFei Chen**  
**Curriculum Vitae**  
**Updated April., 2014**

**1. Personal Particular**

First name: ShuaiFei  
Surname: Chen  
Title: Dr.  
Gender: Male  
Date of birth: February 10, 1982  
Marital status: Single  
Nationality: P.R. China

**2. Current Position and Address**

Associate Professor  
Research leader of Forest Protection Group,  
China Eucalypt Research Centre (CERC), Chinese Academy of Forestry (CAF).  
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&  
Extraordinary Lecturer  
Forestry and Agricultural Biotechnology Institute (FABI),  
University of Pretoria (UP), Pretoria, South Africa.  
Email: [shuaifei.chen@fabi.up.ac.za](mailto:shuaifei.chen@fabi.up.ac.za)

**3. Research Interests**

- Field work on plants
- Plant pathology and Forest pathology
- Fungal taxonomy
- Fungal population genetics

**4. Work Experience**

●**April, 2014 – Now:**  
Extraordinary Lecturer  
Forestry and Agricultural Biotechnology Institute (FABI),  
University of Pretoria (UP), Pretoria, South Africa.

●**November, 2013 – Now:**  
Associate Professor  
Research leader of Forest Protection Group,  
China Eucalypt Research Centre (CERC), Chinese Academy of Forestry (CAF).

●**June, 2013 – November, 2013:**

Assistant Professor

Research leader of Forest Protection Group,

China Eucalypt Research Centre (CERC), Chinese Academy of Forestry (CAF).

●**May, 2012 – June, 2013:**

Department of Plant Pathology, University of California-Davis, California, United States.

Postdoctoral Researcher

Project Title: Diseases caused by Botryosphaeriaceae and other fungi on trees crops in California

Supervisor: Prof. Themis J. Michailides

●**February, 2011 – May, 2012:**

Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria (UP), Pretoria, South Africa.

Postdoctoral fellow

Major: Plant Pathology.

Project Title: Cryphonectriaceae associated with native *Metrosideros angustifolia* and *Rapanea melanophloeos* in the Western Cape Province of South Africa

Supervisor: Prof. Dr Jolanda Roux

Co-Supervisor: Prof. Dr Michael J. Wingfield

## **5. Education**

●**June, 2007 – January, 2011:**

Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria (UP), Pretoria, South Africa.

Degree: Ph.D. (Microbiology and Plant Pathology)

Major: Plant Pathology.

Dissertation: Fungal Diseases of Eucalypts in China

Supervisors: Prof. Dr. XuDong Zhou (Primary Supervisor)

Prof. Dr. Jolanda Roux

Prof. Dr. YaoJian Xie

Prof. Dr. Michael J. Wingfield

External Examiners: Prof. Dr. Halvor Solheim (Norwegian Forest Research Institute, Norway)

Dr. Angus Carnegie (Forest Resources Research, New South Wales, Australia)

●**August, 2004 – June, 2007:**

Chinese Academy of Forestry (CAF), BeiJing, P.R. China.

Degree: M.Sc. (Agriculture)

Major: Forest Tree Genetics and Breeding

Speciality: Eucalypt Genetics and Breeding

Dissertation: Study on Nutrient Solution Formula for Eucalypt Hydroponics Cutting Orchard and Effects of Nutrition Imbalance on Growth of Eucalypt Seedling

Supervisor: Prof. Dr. YaoJian Xie

●September, 2000 – July, 2004:

Central South Forestry University, HuNan Province, P.R. China.

Degree: B.Sc. (Science)

Major: Biotechnology

Dissertation: Design the Information Query System for Plant Tissue Culture Technology

## 6. Publications

### 6.1 Publications in Peer Review Journals

Zhou XD, Xie YJ, **Chen SF**, Wingfield MJ. 2008. Diseases of eucalypt plantations in China: challenges and opportunities. *Fungal Diversity*. 32: 1–7.

**Chen SF**, Gryzenhout M, Roux J, Xie YJ, Wingfield MJ, Zhou XD. 2010. Identification and Pathogenicity of *Chrysosporthe cubensis* on *Eucalyptus* and *Syzygium* spp. in South China. *Plant Disease*. 94: 1143–1150.

**Chen SF**, Lombard L, Roux J, Xie YJ, Wingfield MJ, Zhou XD. 2011. Novel species of *Calonectria* associated with *Eucalyptus* leaf blight in Southeast China. *Persoonia*. 26: 1–12.

**Chen SF**, Pavlic D, Roux J, Xie YJ, Wingfield MJ, Zhou XD. 2011. Characterization of Botryosphaeriaceae from plantation-grown *Eucalyptus* species in South China. *Plant Pathology*. 60: 739–751.

**Chen SF**, Barnes I, Chungu D, Roux J, Wingfield MJ, Xie YJ, Zhou XD. 2011. High population diversity and increasing importance of the *Eucalyptus* stem canker pathogen, *Teratosphaeria zuluensis*, in South China. *Australasian Plant Pathology*. 40: 407–415.

**Chen SF**, Gryzenhout M, Roux J, Xie YJ, Wingfield MJ, Zhou XD. 2011. Novel species of *Celoportha* from *Eucalyptus* and *Syzygium* trees in China and Indonesia. *Mycologia*. 103: 1384–1410.

**Chen SF**, Van Wyk M, Roux J, Xie YJ, Wingfield MJ, Zhou XD. 2013. Taxonomy and pathogenicity of *Ceratocystis* species on *Eucalyptus* trees in South China, including *C. chinaeucensis* sp. nov. *Fungal Diversity*. 58: 267–279.

**Chen SF**, Wingfield MJ, Roets F, Roux J. 2013. A serious canker caused by *Immersiporthe knoxdavesiana* gen. et sp. nov. (Cryphonectriaceae) on native *Rapanea melanophloeos* in South Africa. *Plant Pathology*. 62: 667–678.

**Chen SF**, Wingfield MJ, Roux J. 2013. *Diversimorbus metrosiderotis* gen. et sp. nov. and three new species of *Holocryphia* (Cryphonectriaceae) associated with cankers on native *Metrosideros angustifolia* trees in South Africa. *Fungal Biology*. 117: 289–310.

Thomidis T, Exadaktylou E, **Chen SF**. 2013. *Diaporthe neotheicola*, a new threat for Kiwifruit in Greece. *Crop Protection*. 47: 35–40.

**Chen SF**, E. Fitchner, Morgon D, Michailides TJ. **2013**. First report of *Lasiodiplodia citricola* and *Neoscytalidium dimidiatum* Causing English Walnut Graft Union Death in California. *Plant Disease*. 97: 993. (Note)

**Chen SF**, Morgon DP, Michailides TJ. **2013**. First Report of *Lasiodiplodia theobromae* associated with Stem Canker of Almond in California. *Plant Disease*. 97: 994. (Note)

Crous PW, Wingfield MJ, ..., Roux J, ..., Maússe-Sitoe SND, **Chen SF**, ..., Groenewald JZ. **2013**. Fungal Planet description sheets: 154–213. *Persoonia* 31: 188–296.

**Chen SF**, Morgon D, Hasey J, Anderson K, Michailides TJ. **2013**. Phylogeny, morphology, distribution, and pathogenicity of Botryosphaeriaceae and Diaporthaceae from English walnut in California. *Plant Disease*. 98:636–652.

**Chen SF**, Morgon D, Michailides TJ. **2014**. Botryosphaeriaceae and Diaporthaceae associated with panicle and shoot blight of pistachio in California, USA. *Fungal Diversity*. DOI: 10.1007/s13225-014-0285-6

## 6.2 Manuscripts in Preparation

**Chen SF**, Wingfield MJ, Roux J. Population biology and pathogenicity tests of *Holocryphia capensis* on the native *Metrosideros angustifolia* trees in South Africa.

**Chen SF**, Morgon D, Michailides TJ. Novel species of Botryosphaeriaceae from pistachio in Greece and USA.

**Chen SF**, Michailides TJ. Co-infection of Botryosphaeriaceae on English walnut, pistachio and almond in California.

## 6.3 Publications in Chinese Journals

**Chen Shuaifei**, Xie Yaojian, Peng Yan. 2006. Study on Hydroponic Technology of *Eucalyptus* Cutting Nursery. *Eucalypt Science & Technology*. 23: 40–44. (In Chinese)

Xie Yaojian, **Chen Shuaifei**, Tan Xiaofeng. 2007. Effects of Solutions of Different Formula on Growth of *Eucalyptus* Hydroponics Hedges. *Scientia Silvae Sinicae*. 43: 144–148. (In Chinese)

**Chen ShuaiFei**, Li GuoQing, Li TianHui, Xie YaoJian. **2013**. Research Progress of Teratosphaeria Stem and Branch Spot Canker on Eucalyptus. *Eucalypt Science & Technology*. 30(2): 36–42. (In Chinese)

**Chen ShuaiFei**, Li GuoQing, Zhou JianQing, Liu FeiFei, Li TianHui, Xie YaoJian. **2013**. Research Advances of Ceratocystis Stem Wilt on Eucalypts and Acacias. *Eucalypt Science & Technology*. 30(4): 34–43. (In Chinese)

## 7. Conference Outputs

### 7.1 International Meetings

Zhou XD, Xie YJ, **Chen SF**, Wingfield MJ. **2007**. Eucalypts diseases in China. IUFRO WP 2.08.03, Improvement and Culture of Eucalypts “Eucalypts and diversity: balancing productivity and sustainability”, 22–26 October 2007, Durban, South Africa.

Zhou XD, **Chen SF**, Gryzenhout M, Roux J, Xie YJ, Wingfield MJ. **2010**. IUFRO XXIII IUFRO WORLD CONGRESS, Forests for the Future: Sustaining Society and the Environment. 23–28 August 2010, Seoul, Korea.

Vermeulen M, **Chen SF**, Gryzenhout M, Zhou XD, Wingfield MJ, Roux J. **2011**. Biogeography in the tree pathogen genus *Celoporthe* (Cryphonectriaceae). ACCP and APPS Conference: New Frontiers in Plant Pathology for Asia and Oceania, Darwin Convention Centre, Australia, 26-29 April.

**Chen SF**, Wingfield MJ, Roets F, Roux J. **2011**. A new stem disease of *Rapanea melanophloeos* caused by a new genus of Cryphonectriaceae in South Africa. International Union of Forest Research Organizations, 8-11th November 2011, Colonia, Uruguay. (Oral presentation)

**Chen SF**, Wingfield MJ, Van der Merwe NA, Roux J. **2011**. Cryptic species and host shifting in the eucalypt pathogen *Holocryphia eucalypti*. International Union of Forest Research Organizations, 8-11th November 2011, Colonia, Uruguay. (Poster presentation)

Michailides TJ, Morgan DP, Puckett RD, **Chen SF**. **2013**. Intimacy of Botryosphaeriaceae among temperate nut crops in California. APS Caribbean and Pacific Divisions Joint meeting. June 17–19, 2013. in Tucson, Arizona, USA.

Jimu L, **Chen SF**, Wingfield MJ, Mwenje E, Roux J. **2013**. Origin and distribution of the eucalypt stem canker pathogen *Teratosphaeria zuluensis*. 10<sup>th</sup> International Congress of Plant Pathology. August 25–30, 2013. Beijing, China.

Michailides TJ, **Chen SF**, Morgan DP, Puckett RD. **2013**. Etiology and management of diseases caused by Botryosphaeriaceae fungi on almond, pistachio, and walnut in California. 10<sup>th</sup> International Congress of Plant Pathology. August 25–30, 2013. Beijing, China.

**Chen SF**, Roux J, Xie YJ, Wingfield MJ. **2013**. Diseases of eucalypts in China. 10<sup>th</sup> International Congress of Plant Pathology. August 25–30, 2013. Beijing, China. (Oral presentation)

## 7.2 National Meetings

**Chen SF**, Pavlic D, Zhou XD, Roux J, Xie YJ, Wingfield MJ. **2008**. Botryosphaeriaceae from diseased *Eucalyptus* species in Chinese plantations. South African Genetics Society Congress (SAGS), 27–29 March 2008, University of Pretoria, South Africa. (Poster presentation)

**Chen SF**, Gryzenhout M, Roux J, Xie YJ, Wingfield MJ, Zhou XD. **2009**. The canker Pathogen *Chrysoporthe cubensis* on *Eucalyptus* and *Syzygium* species in China. The 46th congress of the Southern African Society for Plant Pathology (SASPP), 25–28 January, 2009. Gordons Bay, South Africa. (Poster presentation)

**Chen SF**, Lombard L, Roux J, Xie YJ, Wingfield MJ, Zhou XD. **2011**. Leaf blight of *Eucalyptus* in South China caused by *Calonectria* spp. The 47<sup>th</sup> congress of the Southern African Society for Plant Pathology (SASPP), 23–26 January, 2011. Kruger National Park, South Africa. (Oral presentation)

Roux J, **Chen SF**, Gryzenhout M, Wingfield MJ. **2011**. The Cryphonectriaceae: A threat to native *Metrosideros angustifolia* in the Western Cape? The 47<sup>th</sup> congress of the Southern African Society for Plant Pathology (SASPP), 23–26 January, 2011. Kruger National Park, South Africa.

**Chen SF**, Wingfield MJ, Roets F, Roux J. **2012**. Identification, pathogenicity and population diversity of a new stem canker pathogen in the Cryphonectriaceae on *Rapanea melanophloeos* in South Africa. The 38<sup>th</sup> conference of the South Africa Association of Botanists (SAAB), 15–18 January, 2012. University of Pretoria, Pretoria, South Africa. (Oral presentation)

Jimu L, **Chen SF**, Wingfield MJ, Mwenje E, Roux J. **2012**. First report of *Coniothyrium* stem canker of eucalypts in Zimbabwe. The 38<sup>th</sup> conference of the South Africa Association of Botanists (SAAB), 15–18 January, 2012. University of Pretoria, Pretoria, South Africa.

**Chen SF**. **2013**. Research Advances of Eucalypt Diseases in China. 2013 National Annual Eucalypt Meeting. September 25–27, 2013. Chengdu, Sichuan Province, China. (Oral presentation)