

實用草地管理研討會

Seminar on Practical Turf Management



香港中文大學
The Chinese University of Hong Kong

主辦：香港園藝專業學會
香港園藝交流基金會
香港中文大學生命科學學院

協辦：香港中文大學物業管理處
South China Turf Manager Association
中大園藝及綠色生活教育工作小組

Organizers: The Institute of Horticulture Science of Hong Kong Ltd
Horticulture Exchange Foundation Ltd
School of Life Sciences, CUHK

Co-organizers: Estates Management Office, CUHK
South China Turf Manager Association
Working Group on Horticulture and Green Education, CUHK

2010年12月11日 研討會議程

The Programme 11 Dec 2010

時間 Time	主講者 Speaker	機構 Affiliation	講題 Title
8:30 - 9:00	報到 Registration		
9:00 - 9:10	馮通教授開幕致詞 香港中文大學協理副校長 Opening Speech by Prof T Fung, Associate Pro-Vice-Chancellor, CUHK		
9:10 - 9:20	拍攝團體照 Group Photo		
第一節 - 主持：朱利民教授 Session 1 - Moderator : Prof LM Chu			
9:20 - 10:00	張巨明教授 Prof Jimmy Zhang	中國華南農業大學南方草業研究中心 South Grass Research Center, Agronomy College, South China Agricultural University, China	2010年廣州亞運會草地球場之建造及管理 Construction & Maintenance of Turf Sports Facilities for the 2010 Asian Games, Guangzhou, China
10:00 - 10:30	Mr Ricky Aitken	香港木球會及九龍木球會 Hong Kong Cricket Club & Kowloon Cricket Club	多用途草地場地之管理 Managing Turf at a Multiuse Venue
10:30 - 11:00	羅恩卡萊先生 Mr Ronald R Carlyle	Carlyle Golf Course Services, Inc Taiwan	台灣草地管理的傳統文化 Turf in Taiwan through Cultural Practices
11:00 - 11:30	茶點 Tea Break		
11:30 - 12:00	陳蕙儀小姐 Miss Christine Chan	香港賽馬會滙西洲公眾高爾夫球會 Hong Kong Jockey Club Kau Sai Chau Public Golf Course	如何管理一個公眾高爾夫球場 Managing Turfgrass on the Public Golf Course
12:00 - 12:30	李賢祉博士 Dr Eric YT Lee	香港園藝專業學會暨 香港中文大學生命科學學院 School of Life Sciences, CUHK & Institute of Horticulture Science of Hong Kong	個案研究 - 將軍澳草地球場的建造 Construction of the Turf Pitches in Tseung Kwan O - A Case Study
12:30 - 14:00	午餐 Lunch		
第二節 - 主持：鄒桂昌教授 Session 2 - Moderator : Prof KC Chau			
14:00 - 14:30	葉柏棕先生 Mr Pako Ip	香港賽馬會 Hong Kong Jockey Club	亞熱帶環境的跑道管理 Turf Track Management in Sub Tropical Environment
14:30 - 15:00	李世立先生 Mr Lee Sellars	Primerturf Services Ltd Hong Kong	草地用草季節性壓力之管理 Stresses in Growing Turfgrass in Hong Kong
15:00 - 15:20	馮超先生 Mr Kevin C Feng	中國清新麗禾草坪有限公司 Sino-Green Turf Co Ltd, China	認證草地用草在中國之種植及生產 Growing Certified Turfgrass in China
15:20 - 15:40	陳近生先生 Mr Simon KS Chan	香港建力草坪設備有限公司 Green Lake Golf & Turf (HK) Ltd	運動草地之灌溉 Irrigation on Sports Turf
15:40 - 16:00	茶點 Tea Break		
16:00 - 16:30	胡寶元教授 Prof Bau-Yuen Hu	台灣中華科技大學生物科技系暨 健康科技研究所 Dept of Biological Science & Technology, China University of Science & Technology, Taiwan	草地用草之病害及其鑑定 Turf Disease and Identification
16:30 - 17:00	趙紹惠教授 Prof SW Chiu	香港中文大學生命科學學院 School of Life Sciences, CUHK	真菌及其對草地的影響 Turf Fungi and Their Impacts
17:00 - 17:30	第三節 - 公開討論及總結主持：李賢祉博士 Forum and Closing Remarks - Moderator : Dr Eric TY Lee		

* 以上資料以主辦單位最後修訂為準。
Speaker and/or Title of Talk subjected to further confirmation.

使命

樹草同源，二者均對都市綠化及生態環境的改善有一定影響。經過三次成功的都市樹木管理研討會後，我們認為應該舉辦一個以草地用草為主題的研討會。草地用草與我們日常生活息息相關，事實上一個地方草地用草工業發達與否，直接反映了當地居民的生活水平。草地管理既實用又專業，香港這次舉辦由專家學者與市民共同研究討論有關草地管理的相關課題，希望通過研討會增加專業人士及社會大眾對草地用草的知識，從而對多種運動場所及康樂設施的草地管理有所認識及改善。

Mission

Trees and grasses come from the same source of life. Both are important to the greening of the city and its ecosystem. After three successful seminars on urban tree conservation and management, we would like to switch our focus and organize a seminar on turf management. Intimately related to our everyday life, healthy development of our turf industry is indicative of the quality of life of the local residents. Managing turfgrass requires both practical and professional skills. This time we have organized the turf seminar with a goal to promote the knowledge of turfgrass among the general public as well as professionals in the field. Through the seminar we hope to foster a better understanding of turfgrass and hence better management of it in the sports fields and recreational facilities of Hong Kong.

主講者簡介 Speakers' Biography

Prof Jimmy Zhang

Prof Zhang obtained his Bachelor and Master Degrees from the Gangsu Agricultural University. He has over 20 years of research experience in grassland ecology and turf science. He then switched to turf construction and management after spending 20 months as a visiting scholar in the Sports Turf Research Institute in the UK in 1998. He is currently an associate professor/research fellow in the South China Agricultural University. He has been actively involved in the construction and maintenance of various important sports fields, including the 11th Asian Games in Beijing in 1990, 9th National Games in Guangzhou in 2001, and the 16th Asian Games in Guangzhou in 2010. He has obtained a number of prizes and awards in the construction and management of sports turf in China.

Mr Ricky Aitken

Mr Aitken has been working in the turf industry for the past 18 years. He started his career working on Lawn Bowling Greens in Tasmania, Australia where he completed a four year trade certificate in turf management. He then progressed on to work for the local government authority where he managed the Cricket Grounds and Australian Rules football grounds for the next 7 years. During this time he completed a turf diploma through the North Melbourne Institute of Tafe. In 2002, he left Tasmania to take up a position with the Hong Kong Cricket Club where he took up the role of grounds manager. He is also a consultant for the Kowloon Cricket Club and Hong Kong Cricket Association. He has been working in Hong Kong for the past 8 years where he operates his own Company Leisure Turf and Landscape Limited.

Mr Ronald R. Carlyle

Mr Carlyle graduated in golf course management, Horry Georgetown Technical College, South Carolina, USA. He has been working as an independent turf management consultant. Currently, he is the senior superintendent of the Miramar Golf and Country Club as well as the agronomic consultant for Yunghan Golf Club and Chiau Shih-Ilan in Taiwan. He is specialized in golf course maintenance, construction, renovations, grassing, grow-ins and professional tournament preparation. He has practiced in developing and implementing regional and international renovation programs for various major organizations in Southeast Asia, China, Taiwan and the USA. He also serves as an inspector under the International Turfgrass Genetic Assurance Program (ITGAP), USA.

Ms Christine Wai-yee Chan

Ms Chan is the golf course superintendent at the Jockey Club Kau Sai Chau Public Golf Course and President of South China Turf Manager Association since 2008, as well as an international member of Golf Course Superintendent of America Association. She has 15 years experience in turfgrass industry. She graduated with a Master degree in turf management from the University of Sydney and a Bachelor degree in Applied Biology. She is currently managing a 54 holes public golf course in Hong Kong with a team of 83 staff. She has experience in managing warm season grasses and has involved in daily maintenance, construction of East Course and renovation projects. She also prepares golf courses for professional players and amateur player tournaments.

Dr Eric Lee

Dr Lee obtained his BSc in Biology from CUHK and then his PhD from the University of California at Santa Cruz. He was a Mercer Fellow in the Arnold Arboretum, Harvard University. He has been the head greens keeper of the Hong Kong Golf Club, tracks manager of the Hong Kong Jockey Club, resident turf specialist and senior tracks manager of the Singapore Turf Club. Dr. Lee has been working in the turf industry continuously for the past 35 years. His foot prints covered nearly all the major turf institutes in Hong Kong and adjacent areas. He was also involved in the planning stage on the construction of the first golf course in China and subsequent consultation on course management. He was labeled as probably the most knowledgeable turfgrass expert in that region of the world by the USGA's official publication "Turf Management" as early as in 1985. Recently he is a senior honorary research fellow in the School of Life Sciences, CUHK and the president of the Institute of Horticulture Science of Hong Kong.

Mr Pako Ip

Mr Ip obtained his BSc from the University of Saskatchewan, Canada, in agriculture, specializing in horticultural science. He is the tracks manager of the Hong Kong Jockey Club Racing since 1996. He has been involved in the grassing of the redeveloped Happy Valley course (1995), installation of the Riverside gallop track (1996) and its conversion into a sand footing (2009), as well as the design, construction and maintenance of the Olympics Grass Arena (2006 to 2010) and Olympics Cross Country Training Track inside Penfold Park (2006-2008). He is specialized in sand profile construction and management, organic accumulation and ageing management of rootzone, plant growth regulation with hormones and their inhibitors, turfgrass transition dynamics and nematode management.



Mr Lee Sellars

Mr Sellars is a Florida native with 15 years experience in managing turfgrass in Hong Kong and China. As a graduate of the Pennsylvania State University in turfgrass management, Mr Sellars is an active member of the Golf Course Superintendents Association of America (GCSAA), who brings over 20 years experience in all facets of golf course construction, project management and operations. In 1995 he joined Discovery Bay Golf Club in Hong Kong and served as a golf course manager. He was instrumental in introducing and successfully maintaining the first certified TifEagle bermudagrass in Asia. Most recently he served as a director of agronomy at XiLi Golf and Country Club in Shenzhen. In 2010 he established PremierTurf Services, a Hong Kong based company providing project management, agronomic consultation and soil testing services to esteemed clients throughout Asia. He also serves as an Inspector under the International Turfgrass Genetic Assurance Program (ITGAP), USA.



Mr Kevin Feng

Mr Kevin Feng graduated in 2004 with a degree in horticulture from the China Agricultural University. He has wide experience in sod farming and marketing in China. Mr Feng pioneered the production of certified turfgrass production in Southern China. He is now the general manager of Sino-Green Turf Co Ltd which covers 40% of the market share of new golf course projects especially in warm season grasses. Recently a few ITGAP certified warm-season turfgrasses produced from his Hainan-based production nurseries were being used by several major turf institutes in Hong Kong. As a global certified turfgrass grower, Sino-Green is committed for the provision of highest quality, genetically pure and uniform turfgrasses, effective establishment programs and on-going maintenance services by their certified agronomists.



Mr Simon Chan

Mr Chan graduated in mechanical engineering at the Morrison Hill Technical Institute. He switched to private enterprise in automatic irrigation system at the Shatin Race Course one year after working in the Electrical and Mechanical Department since graduation. Since then, he has been responsible for installation projects for the Hong Kong Sports Institute, Happy Valley Race Course, Hong Kong Golf Club, Kau Sai Chau Golf Club, Macau Golf and Country Club and Macau Jockey Club. He has also been involved in various large-scale sports centers and golf clubs in Guangzhou, Panyu, Conghua, Dongguan, Shanghai, Chongqing and Beijing.



Prof Bau-Yuen Hu

Prof Hu received his PhD in Plant Pathology and Microbiology from the National Taiwan University. He is currently an assistant professor in the Department of Biological Science and Technology at the China University of Science and Technology, Taiwan, and is specialized in fermentative technology, medicinal fungi and biopesticides. He is actively engaged in the control of brown root rot fungi using tree ectomycorrhizae, integration of tree hopsital and tree diseases, mass production of mycelium from *Antrodia camphorata*, study of *Chaetomium* in Taiwan. He has published 20 papers on soil and tree fungi, and six books on plant pests and diseases.



Prof SW Chiu

Prof Chiu obtained her BSc and MPhil in Biology, CUHK. She then went to the University of Manchester and got her PhD. She is currently an associate professor in the School of Life Sciences, CUHK. She has served as the keynote/invited speaker in various international mycological meetings, organized various international mycological conferences, provided consultancy and technical services, e.g. mold, mushroom and toadstool identification; mold survey; mushroom breeding; cultivation and quality assurance of mushroom products.

Organizing Committee Members



Eric Lee

LM Chu

TC Lam

KC Chau

Billy Wong

SB Cheng

CK Yau

YH Chung

George Jor

Acknowledgements

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GreenWalls Bioengineering (HK) Co Ltd 綠牆工程(香港)有限公司

Fantasy Quartz Sand Supply Company 銳俊石英砂供應公司

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Native Green Ltd 本土綠化有限公司

Pegasus Greenland Ltd 千里馬綠化有限公司

SinoGreen Turf Co Ltd 中國清新麗禾草坪有限公司

Wai Pak Landscape (Arboriculture) Engineering Co

Yee Sun Garden Ltd 怡生花園有限公司