Dr Marty Petrovic

Dr Petrovic has been Professor of Turfgrass Science at Cornell University since 1979 and his research includes golf turf soil science, the environmental fate of fertilizers and pesticides, irrigation management and the utilization of organic wastes in turfgrass. He has written more than 200 scientific and popular articles on turfgrass management.

His talks are on "Understanding and Managing Compaction" where he will discuss how traffic on turf dramatically changes the ecosystem and how to deal with the problem; and "Making the Most out of Irrigation" and how all too often irrigation is done without much consideration to the factors which are important in affecting the amount of irrigation required.

Gordon Moir

Born in Fraserburgh, North East of Scotland Gordon began his career at Fraserburgh GC in 1976. He became Head Greenkeeper at Fraserburgh before moving to St Andrews as Head Greenkeeper of the Eden Course under the guidance of Walter Woods, Links Superintendent. In 1993 Gordon also became responsible for the redesigned and reconstructed Balgove course, a 9 hole Children's/Beginners' course adjacent to the Eden Course.

He is a past North Section Secretary, Scottish Region Chairman and National Board Member.

His talk will be on how his staff landscaped the bankings of a pond from a hard stone face wall to something more environmentally friendly.

Gordon McKillop

Gordon McKillop is a scientist with the Central Science Laboratory which is the main Ministry of Agriculture Agency involved in research into wildlife management and conservation. He has 20 years experience of conducting research into the rabbit problem, in terms of developing and assessing management techniques and of assessing the costs of rabbit damage. He also runs a training course for greenkeepers, in conjunction with BIGGA and the GTC, on wildlife management.

His talk will review the range of current management techniques available to control rabbits and discuss their cost-effectiveness and humaneness. It will also include a discussion of new techniques which are currently being developed. This will include details of their likely cost-effectiveness and humaneness and of how long it is likely to be before they are available for use.

Gordon Witteveen and Michael Bavier

Gordon Witteveen is the Superintendent at the 45 hole Toronto Board of Trade course. He has been a Superintendent all his working life since graduating from the University of Guelph and is now into his 25th year at his current position. Gordon helped start the Canadian Golf Superintendents Association, and has served as Secretary and President. He was also on the Board of the GCSM in America. Gordon is an avid writer and has published many articles on golf and greenkeeping. He is currently completing a book on greenkeeping which is being co-authored by Michael Bavier.

Michael Bavier started his greenkeeping career in his native Minnesota. He is graduate from Penn State College and has been Superintendent at the Inverness Golf Club near Chicago for almost 30 years. Besides being very active in his local Mid West Golf Superintendents Association, Michael also served as president of the GCSM.

Their workshop is on "The Magic of Greenkeeping".

James Duncan

James Duncan is a practising golf course architect and a keen observer of classic golf course architecture. Educated in Copenhagen, Denmark, he holds a masters degree in civil engineering. Authoring his degree thesis on the subject of low-cost golf course construction, he carried out research for this work at the department for Landscape Architecture at Cornell University in New York, noted for its contributions to golf course architecture and turfgrass science.

During and after his studies James apprenticed in the golf industry first in Scotland, and subsequently in the United States with American golf course architect and golf writer, Tom Doak. While in America James was awarded a postgraduate Donald Ross Society internship.

He returned to Scotland in '96 to establish his own golf course design company, he is currently involved in golf course design projects both in Scotland and further afield.

His talk analyses some of the basic principles of minimalist golf course architecture and demonstrates how they can be put to use. It presents examples of classic golf courses which employ simple means of design to provide exciting and enjoyable golf, and which can be maintained without requiring a second mortgage on the clubhouse.

Peter Jones

Peter Jones has encompassed a wide spectrum of experience and hands-on expertise within the golf course industry during the last 23 years. A background in course construction soon progressed to greenkeeping and course management with a further opportunity to train in America in the late '80s arranged by Jack Nicklaus golf services.

He formed Peter Jones Associates two years ago and is now independently involved with a small number of clubs where he advises on course improvement, management programmes and the training of existing staff.

He will be accompanied during the workshop by Drew Barrow RICS, of DB Surveys, who is experienced in golf course survey works.

Bryan Griffiths

Bryan Griffiths is a golf architect and founder of Golfconsult International Ltd. He has served over 200 golf developer and investment clients in 44 countries and has designed over 50 courses. A regular speaker at Seminars in Europe and the Pacific Rim he is also on the Law Society's Register of Expert Witnesses in England and Scotland.

He is currently designing golf courses for clients in Scotland, England, France and Malaysia. He has also pioneered both a well-tested systematic golf venture appraisal system and the application of photogrammetry techniques to golf design and environmental impact.

His talk is about the launch of new golf courses and explains how most major mistakes are made at the outset.

Terry Buchen

Terry Buchen is a Master Greenkeeper and currently Director of Agronomy for The Legends Group, based in Williamsburg, Virginia. He is a contributing editor to Golf Course News writing a column "The Savvy Superintendent" and is an Advisory Board Selection panellist on Golf Digest magazine for all rating contests.

A third generation superintendent he serves on the USGA Green Section Committee and has grown-in 11 courses in the USA.

He is talking twice, on the brief history of the bunker looking at drainage techniques, proper construction and maintenance and on grow-in philosophies when he will explain the fastest and the best way to renovate a green or a tee.

David Roy

David Roy served his apprenticeship at Tay Mouth Castle in Perthshire before becoming an assistant at Royal Burgess Golfing Society in Edinburgh.

From there he moved to his current club, Linlithgow, halfway between Edinburgh and Glasgow, where he is Course Manager.

His talk analyses how he has introduced conservation and environmental practices at Linlithgow and how he was able to convince the members that it was the correct way for the club to move.

Norbert Lischka

Norbert Lischka is the Course Manager at Hamburg Falkenstein GC in Hamburg, Germany, and moved into greenkeeping having worked as a mechanic and farmer. He has worked on three different golf courses in the last seven years.

He will talk on ecological management over the last 10 years on German golf courses.

Robert Bardwell

Robert Bardwell, Course Manager, for Euro Golf Green, is English but has worked in Europe since 1989 and for the last five years he has been building golf courses in Germany, Poland and France. He has recently returned to course management as Course Manager of Wiesloch GC in Baierland, Germany.

His talk is "Is greener over there?" will encompass the environment, conditions, people, advantages and disadvantages, costs and the differences in day-to-day maintenance.

Brinn Bendon

Brinn Bendon is a management training consultant and Director of Vector Training, with a background in behavioural sciences. In recent years he has been heavily involved in BIGGA's acclaimed Management and Regional Management training courses.

An enthusiastic walker and climber he has recently returned from a climbing trip to the Himalayas.

He presents a workshop on Effective Communications - Presenting to Committees.

Mark Broughton

Mark Broughton is Course Manager at Morecambe GC and the newest Master Greenkeeper, having qualified in the middle of last year. He has been at Morecambe for nine years having previously been at Foxton GC and an assistant at Royal Lytham and St Annes, where during The Open this year he was presented with his Master Greenkeeper blazer.

His talk on "How Green is Greenkeeping" what the future might hold for the game. Areas covered will include habitat provision, machinery, irrigation, organic standards and pesticide use.

Bob Taylor

Bob Taylor is the STRI's ecologist and is the author of Ecological Management of the Golf Course published last year. He has also been heavily involved in the production of the new ecology video which is launched at BTME.

He will talk on Golf Course Construction and Management: An ecological Perspective.

Dr Alan Gange

Dr Alan Gange lectures in Environmental Biology at Royal Holloway, University of London and his research interests include the interactions between insects and fungi, mediated through changes in host plant physiology.

In conjunction with the Ministry of Agriculture and Food...
he has recently conducted a pesticide usage sur-
vey of golf courses which has highlighted the pest and disease problems faced by greenkeepers in the production of high quality turf.

He spoke at last year's Education Conference and he returns this year to talk on "Biological Methods for Pest and Disease Control in Golf Turf.”

The talk will address some of the biological methods which may be employed to enhance the health of grass in golf greens.

**Gerry Southgate**

Gerry Southgate is Service Manager for Ran- somes Sims and Jefferies and is responsible for the technical support of the Ransomes/Cush-
man/Ryan products world-wide outside of the Americas and Canada.

In the course of his work he has visited golf courses and talked with superintendents, greenkeeping staff and mechanics in the USA, Canada, Australia, Singapore, Indonesia, Korea, Japan, South America and much of Europe.

His talk "Full Time Golf Course Mechanic – Where’s the Justification?” will include an outline of some of the differing maintenance requirements for the increasingly sophisticated machinery in use at the average golf course and look at the way this is normally achieved and the involvement and relationship between the greenkeeping staff, machinery dealer and manufacturer.

**Dr Paul Miller**

Paul Miller is a lecturer in greenkeeping at Elm-
wood College in Scotland and designed the root-
zone for the 'new 18 hole' course at the college. He has worked as a technical representative for British Seed Houses and as a technical advisor for Grass Technology International Ltd involved in soil testing and agronomy.

His talk on "Rootzone testing: Theory and Practice" will explain some of the theory of particle size distribution in rootzones, how they can be achieved in practice and how it was achieved during the construction of Elmwood College's newly constructed course.

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