

# International Turfgrass

The Newsletter of the International Turfgrass Society

January 2016 Edition

## 2<sup>nd</sup> Call for Papers - 13<sup>th</sup> International Turfgrass Conference in New Brunswick, New Jersey, 16-21 July 2017

by Dr. James Murphy, Editor-in-Chief

Rutgers University, USA

The International Turfgrass Society announces the second call for papers to be presented at the 13<sup>th</sup> International Turfgrass Research Conference (ITRC) in New Brunswick, New Jersey, USA, 16-21 July 2017. Title-summaries are needed to assist the Scientific Program Planning Committee with determining a conference program as well as to initiate the process for publishing papers from the conference. The deadline for [online submission of title-summaries](#) of title-summaries is 1 February 2016.

Papers in the discipline areas listed below are requested by the Scientific Program Planning Committee for the conference theme, Meeting the Challenges of a Changing Environment.

- |  |   |
|--|---|
| • Conservation & Environmental Quality | • Insect & Nematode Pests                     |
| • Diseases (Plant Pathology)           | • Physiology and Stress Physiology            |
| • Ecosystem Services – Biodiversity    | • Soil Biology, Chemistry and Plant Nutrition |
| • Establishment and Maintenance        | • Soil Physics and Rootzone Construction      |
| • Genetics and Breeding                | • Weed Science                                |
| • Information Technology & Education   | • Information Technology & Education          |

The Scientific Program Planning Committee will inform authors regarding time for oral presentations and make final decisions on presentation style (oral versus poster); you will be notified if presentation style is changed. Check the International Turfgrass Society website (<http://www.turfsociety.com/itrc2017>) for more program and conference details as these become available.

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Please remember that at least one author of each paper presented at the 13<sup>th</sup> ITRC must be a member of the International Turfgrass Society. An author cannot be the sole member on more than one paper submission.

If you don't know if you are a member, then go to <http://turfsociety.com/test/ismember.php> and type in your email address that you used when first registering for ITS, and you will receive an instant response if you are in good standing.

Also, if you have any newsworthy stories or information for readers of International Turfgrass, I hope you will consider submitting an article for the next newsletter in May 2016.

I hope you enjoy the very good articles in this edition.

Sincerely,  
Nathan R. Walker

### In this Edition

- 2<sup>nd</sup> Call for Papers
- Time line for Paper Submissions
- 2017 Graduate Student Competition
- Annual Fall meeting of JSTS and IZS
- 5th ETS Conference 2016
- In Memorial of Prof. Dr. Werner Skirde
- Sponsorship opportunities
- ITS Membership Application
- Order form for past proceedings and journals
- ITS Board Members

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During the online submission process, authors should be prepared with the following information about each paper:

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Information Needed for Each Submission

(approximate order of entry)

	Notes
Discipline / Subject Area	see table below
Presentation Style	Oral or Poster
Title of Paper	
Author (submitter) email address	Corresponding author
Enter into Graduate Student Competition	Yes or No
Preference of Journal for Publishing	Please review standards for Journal of interest
Paper Type	Research, Review, Issue, Case Study, etc. Visit guidelines URLs below for the specifics of each journal
Author(s)	Before adding a new name, search the database to see if that name and contact information have already been entered. All papers presented at the ITRC require at least one ITS member among the authors. See <a href="http://www.turfsociety.com">www.turfsociety.com</a> for membership form.
Abstract Text	Provide at least a one or two sentence summary of the paper to help with placing paper in topical sessions.

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Receipt of title-summary forms will be acknowledged along with further instructions to authors about manuscript submission. If necessary, you can make changes to your submission between now and the deadline of Monday, February 1, 2016.

Please note that at least one author of each paper presented at the 13<sup>th</sup> ITRC must be a member in good standing of the International Turfgrass Society. An author cannot be the sole member on more than one paper submission.

**Journal Options for Publishing.** The ITS Board approved new publishing options for the 2017 ITRC at the 2015 mid-term Board meeting. Papers at the 2017 ITRC will be published in one of three peer-reviewed journals based on subject matter and successful review: *International Turfgrass Research Journal* (ITSRJ), *Crop Science* or *Agronomy Journal*. Please review the standards of each journal (see URLs listed below) to determine the appropriate selection for your paper.

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*ITSRJ* (<http://www.turfsociety.com/2015/20151020Standards-for-Publishing-ITSRJ.pdf>)

*Crop Science* (<https://dl.sciencesocieties.org/files/publications/cs/cs-instructions-to-authors.pdf>)

*Agronomy Journal* (<https://dl.sciencesocieties.org/publications/aj/instructions-to-authors>)

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Please note that the standards for *Crop Science* and the *Agronomy Journal* are more rigorous than the *ITSRJ* but also realize that both *Crop Science* and the *Agronomy Journal* have an impact factor whereas the *ITSRJ* does not. Additionally, if a paper submitted to *Crop Science* or *Agronomy Journal* is not accepted, authors may have it considered for publication in the *ITSRJ*.

Page charges to authors will be as low as \$0 for articles that do not exceed the page length specific to the journal. Charges for the *ITSRJ* will be \$0 for 5 pages plus \$100 per page for 6+ pages. Charges for *Crop Science* will be \$0 for 7 pages plus \$50 per page for 8+ pages. And charges for *Agronomy Journal* will be \$0 for 7 pages plus \$100 per page for 8+ pages for ASA members or \$200 per page for 8+ pages for non-members of ASA. All papers published in the *ITSRJ*, *Crop Science* and *Agronomy Journal* will be included on an electronic (flash drive) proceedings provided to delegates at the conference. The electronic proceedings will also be available through members-only section of the ITS website.

*Continued on next page*

Delegates interested in presenting a paper(s) at the conference can submit a [title-summary online](#) at or by visiting the 2017 ITRC website at <http://www.turfsociety.com/itrc2017>. Looking forward to seeing you at the 2017 ITRC.

## Timeline for the submission, review, and publication of papers presented at the 2017 International Turfgrass Research Conference in New Brunswick, New Jersey, USA.

	Paper Type	
Time line	Research, Review, Issue and Case Study	Short Communications and Notes
<b>2016</b>		
1 Feb.	Last date for receipt of title-summaries Submit at <a href="https://scisoc.confex.com/scisoc/2017trc/cfp.cgi">https://scisoc.confex.com/scisoc/2017trc/cfp.cgi</a>	
1 May	Manuscript submission due	
1 July	Manuscript reviews due back to authors	
1 Sep.	Revised manuscript (if necessary) due	Short Communication submission closes Abstract to 2 page length
1 Nov.	Revised manuscript reviews due back to authors	Short communication reviews due back to authors
<b>2017</b>		
1 Feb.	Final manuscript versions due	Final version due
1 July	ITRC registration confirmed before papers published	ITRC registration confirmed before papers Published
16 July	Published on USB drive and handed out to delegates on 16 July	Papers Published

## Re-announcing the Graduate Student Competition at the 2017 ITRC

**Paul Koch<sup>1</sup> (chair), Erik Ervin<sup>2</sup>, and Kelly Kopp<sup>3</sup>**

**ITRC Graduate Student Competition Committee**

**<sup>1</sup>University of Wisconsin, Madison, WI**

**<sup>2</sup>Virginia Tech, Blacksburg, VA**

**<sup>3</sup>Utah State University, Logan, UT**

The ITRC will host a graduate student competition for both oral and poster presentations. Students can submit manuscripts for consideration as an oral or poster presentation under any of the following categories: 1) Pest management strategies, 2) Turfgrass physiology and soil health, 3) Genetics and breeding, and 4) Environmental aspects of turfgrass management. Contestants will be judged on the innovativeness of their research goals, the

robustness of their scientific methods, and the delivery of their oral presentation or appearance of their poster. Modest cash prizes and a complimentary ITS membership will be made available to the top three contestants in each category. Only one submission per student is allowed, and contestants must be enrolled as an active graduate student at the time of the meeting to be eligible for the competition.

# Fall 2015 Annual Meeting of JSTS and IZS held in Naha City, Okinawa, Japan

By Yoshi Ikemura

Shizuoka Prefectural Research Institute of Agriculture and Forestry  
Japanese Society of Turfgrass Science

The Japanese Society of Turfgrass Science (JSTS) held their 2015 fall annual meeting and International Zoysiagrass Symposium (IZS) in Naha City, Okinawa, Japan on November 20-23 at the Okinawa Jichi Kaikan. Okinawa is the southernmost prefecture and is a humid subtropical island with a yearly average temperature of above 20 C (68 F). Most of us enjoyed the warm, welcoming weather during the visit.



Attendees at the IZS in Naha City.

On the first day of the meeting, the attendees either joined JSTS's technical tour or played golf. The technical tour group visited Koganenomori field, Shurei Country Club, and Okinawa Cellular Stadium. At Shurei Country Club, we observed the well maintained bentgrass greens. The golfing group went to Okinawa Country Club, The Southern Links Golf Club, Palm Hills Golf Resort, or Naha Golf Club to play.

zoysiagrass use, research efforts, taxonomy, and more. We also had a speech contest and discussion session. At the speech contest, Dr. Tanaka won first place presenting analysis of genetic diversity and morphological traits of *Zoysia* spp. In Japan, Ms. Okazaki and Dr. Hayakawa were also presented awards. At the discussion section, future research on zoysiagrass was discussed.



Attendees at Shurei Country Club observe a bentgrass green.

The fall annual meeting of the JSTS was held on the second day. During the morning; golf course, ground cover plants, school turf, and parks and open spaces' sectional meetings were held. In the afternoon, the symposium with the various topics related to turfgrass in Okinawa were presented.

On the last day, the attendees chose IZS's technical tour or to play golf. The technical tour visited Ocean Expo Park and Cape Manzamo. Cape Manzamo is a national park and is the native habitat for Zoysiagrasses. The golf group played at Ocean Castle Country Club or Kise Country Club. The next JSTS meeting will be held at the University of Chiba from May 27th to 29th in 2016.



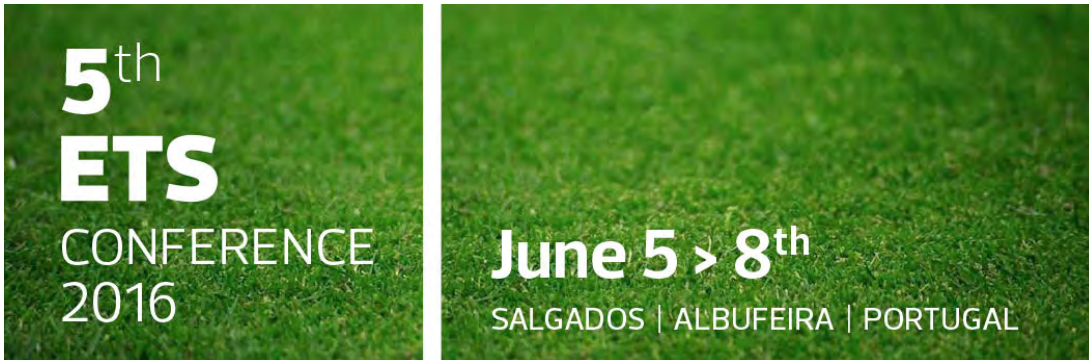
Dr. Akamine explains about mites in turf.

# 5<sup>th</sup> ETS CONFERENCE 2016

"Turfgrass – Towards sustainability and perfection for aesthetic, recreational and sports"

Call for Abstracts

University of Algarve - Salgados - Albufeira, Portugal



<b>5<sup>th</sup> ETSC Algarve – PUBLISHING OPTIONS</b>			
<i>Journal</i>	<b>ETSC Proceedings</b>	<b>Urban Forestry and Urban Greening (UFUG)</b>	<b>Crop Science (CS)</b>
<i>Main topics</i>	All turfgrass-related	Urban green areas and urban horticulture	All turfgrass-related (emphasis on agronomy, physiology and genetics)
<i>Impact Factor (2014)</i>	none	2.11	1.58
<i>Max. n. of published articles</i>	no limit	12	no limit
<i>Article length (pages)</i>	2	5-6 (max. 7500 words)	7*
<i>Abstract length (words)</i>	200	300	200
<i>Abstract submission deadline</i>	December 15 <sup>th</sup> 2015		
<i>Full paper submission deadline</i>	April 15 <sup>th</sup> 2016		
<i>Publication fees</i>	none*		
<i>Max. articles/1<sup>st</sup> author</i>	1 oral + 1 poster		

\* For Crop Science: pages 0-7 free, pages 8+ \$50/page; open access option \$1000/paper. All extra fees to be met by the Authors.



[www.turfgrasssociety.eu](http://www.turfgrasssociety.eu)

**EUROPEAN TURFGRASS SOCIETY**

# In Memorial of Prof. Dr. Werner Skirde

Translation provided by Alex Richter

Richter Rasen GmbH

Vienna Austria



After serious illness Prof. Dr. Werner Skirde, honorary member of The Landscape Development Society (FLL), passed away on 30 November 2015, aged 86 years. As a committed scientist, he advanced the green industry, especially the landscaping and vegetation technology, preceded by pioneering work. His broad and in-depth knowledge he passed on not only to his many undergraduate and graduate students, but to all interested professionals of the profession. His application-oriented research and teaching extended to a broad range of topics in horticulture, landscaping and sports field construction, among other things, with a focus on turfgrass, biodiversity for erosion control, tree plantings, vegetation bearing layers, waste recycling, reclamation and nutrient dynamics.

After graduation and training for agronomist, Werner Skirde earned a doctorate in 1958 as an assistant at the institute for Agronomy of the University of Rostock. He then moved to the Justus Liebig University (JLU) Gießen, The Institute for Grassland Management.

As early as 1967 he organized there the first Research Centre in Germany and directed the Experimental Station Großen Linden. From 1968 on, he brought over decades across his expertise and scientific knowledge prevail in the standardization

work to DIN 18035-2 to 4 (sports fields) and DIN 18917-18920 {Vegetation technology in landscaping}. For 40 years he also advised the German Football Federation (DFB) on the subject of football turf, where he headed the working group of the grass sports ground Construction Committee and was instrumental in the preparation of the compendium Construction and Maintenance of Sports fields.

In 1970 Werner Skirde took over together with P. Boeker the publication of the magazine Lawn-Turf-Gazon and initiated in 1975, the working group Vegetation technology, sports and leisure facilities, from which in 1979 the Support Society of Landscape- and Sportsfield construction Research Giessen eV {FLSF} emerged. The FLSF promoted directly and efficiently to carry out tests, experiments and research projects and supported institutionally until 1994 applied research of the Department of Landscaping at the Institute of Soil Science and Soil Conservation of JLU Giessen.

Since 1968 more than 35 years the annual International Turfgrass Kolloquia took place in several European countries, with large professional encouragement. The last one was organized in Denmark in 2004. It was later followed up by the foundation of the European Turfgrass Society (ETS).

In 1979 Dr. Werner Skirde was the impetus for carrying out a policy and evaluation of suitability tests on pre-finished soil mixtures for sports turf surfaces {REBR} to develop and publish. In the same year he took over together with H. J. Liesecke at the Patzer publishing company the series “Technologie of Landscaping and Vegetation” and brought out volumes 1 and 2, “Technologie in Vegetation - Turf and Hydroseeding” as well as “Maintenance of Sportsturf”.

In March 1980 Dr. Werner Skirde was appointed professor for landscape development - landscaping - Vegetation technology at Justus Liebig University Giessen and was co-founder of the field of the study program „Environment assurance and Rural Development”, the oldest environmental program at a

*Continued on next page*

German university.

Until his retirement in 1994 his research and work mainly focused on the following areas.

- Equipment, supply and ecology of landscaping permanent crops (extensive and sometimes long-term field trials in areas intensive turf/ sports turf, mixing, levels of care, rooting trials, extensive turf, extreme surface greening), bioengineering, and improving the structure of soils and interaction soil/plant.
- Biodiversity for recreation areas with local wildflowers seed and special planting methods.
- Planning. Construction and maintenance of golf courses (publication of the guideline for construction of golf courses in the FLL 1990, extended version 2000).
- Organic additives and soil improvement for vegetation-rootzones. Nutrient output and nitrate problems as well as characterization of fertilizers.

The results of the research have been published in many journals and especially 1978-1990 in the “Journal of Technology in Vegetation, Landscaping and Sportsfield construction”.

During his time as a professor at the Justus-Liebig-University Giessen Prof. Dr. Werner Skirde was in charge of more than 60 undergraduates and 5 Ph.D.’s. From 1965 to 1994 more than 200 technical papers and 12 journals were authored by him. But even after that he stayed in this profession as an expert and consultant for a long time, as an author and valuable discussion partner.

Prof. Dr. Werner Skirde engaged in professional and private life intensively for our profession and has made an enormous contribution to it.

Contributors: Dr. Paul Baader, Prof. Dr. Ellen Kausch (JLU), Dr. Frank Molder, Otto Weilenmann, Alexander Richter

## **Sponsorship opportunities for the 13<sup>th</sup> International Turfgrass Conference in New Brunswick, New Jersey, 16-21 July 2017**

Sponsorship packages are now available to organizations as an opportunity to show their support for the 13th ITRC and the turfgrass industry that it supports. Funds generated from such sponsorships will help reduce the cost of registration for attendees from around the world, provide travel scholarships to students studying turfgrass science, and will help improve the quality and impact of this conference for hundreds of individuals.

We invite you to become a sponsor for this exciting international conference. It’s a unique opportunity to showcase your organization as a major supporter of turfgrass science and education to conference attendees. The conference will bring together researchers, technical experts, consultants, high level turfgrass managers, top industry delegates and government officials. Meet your current and future colleagues, business partners, and customers face-to-face at one of the largest and most comprehensive gathering of turfgrass professionals anywhere in the world.

- Approximately 350-500 participants from 26 countries are expected to participate.

- Attendees will include academic and company delegates from all continents who represent the who’s-who of international turfgrass experts.
- An electronic proceedings will be available to sponsors and attendees on a flash drive at the start of the conference, and will be permanently archived on the ITS website.
- The meeting will be extensively marketed worldwide and will highlight your commitment to the turfgrass scientific community and turfgrass industry.

Position your organization as a world leader by becoming a conference sponsor today!

Don’t miss out on the #1 marketing and networking opportunity for the international turfgrass research community and industry in 2017!

Go to <http://www.turfsociety.com/itrc2017/pdf/ITRC-Sponsorship.pdf> for more information

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\* Student member must have confirmation letter from major faculty advisor.

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**Volumes 1-8 are now free to Members; shipping costs of \$30-60 must be paid, however.**

	Members	Non-members
1 <sup>st</sup> Proceedings 1969 England	\$0.00	\$15.00
2 <sup>nd</sup> Proceedings 1973 Virginia, USA	Out of Print	
3 <sup>rd</sup> Proceedings 1977 West Germany	Out of Print	
4 <sup>th</sup> Proceedings 1981 Guelph, Canada	\$0.00	\$30.00
5 <sup>th</sup> Proceedings 1985 France	\$0.00	\$45.00
6 <sup>th</sup> Proceedings 1989 Japan	\$0.00	\$55.00
7 <sup>th</sup> Journal 1993 Florida, USA	\$0.00	\$65.00
8 <sup>th</sup> Journal I 1997 Australia	\$0.00	\$120.00
8 <sup>th</sup> Journal II 1997 Australia	\$0.00	\$50.00
Supplement to 8 <sup>th</sup> Journal	\$0.00	\$12.00
9 <sup>th</sup> Journal 1 & 2 2001 Toronto, Canada* (includes CD-ROM)	\$100.00	\$195.00
10 <sup>th</sup> Journal, 1&2 2005 Wales*	\$200.00	\$200.00
11 <sup>th</sup> Journal, 1&2 2009 Chile*	\$300.00	\$300.00
Mailing and handling ( <i>subject to change</i> )	\$15.00 per book	
2 <sup>nd</sup> and 3 <sup>rd</sup> Proceedings are no longer available *9 <sup>th</sup> , 10 <sup>th</sup> , & 11 <sup>th</sup> Journals are 2 books - \$30 mailing and handling fee applies	Total amount	

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Please send comments, feedback, and turfgrass news articles for future issues to the editor.

If you know any non-members, new faculty, staff, and new personnel involved in turfgrass research who might be interested in joining ITS please forward their e-mail address to me and I will send a complimentary copy of the next Triannual issue of International Turfgrass.

The deadline for submissions for the next newsletter is December 15, 2015