



TECHNICAL MEETING OF IEEE IAS/PELS CHAPTER

Philips Lighting is hosting the first technical meeting of Industry Applications/Power Electronics Society joint chapter of the IEEE Benelux Section. IEEE members of these societies and interested non-members are cordially invited to attend the first technical meeting of 2000 of the Chapter.

Date: 15 May 2000
Time: 16h00
Place: Lighting Application Centre
Philips Lighting
Mathildalaan 1/ Centennial zaal
Eindhoven

Programme:

- 16h00 – 16h30 Introduction to IEEE Chapter activities by Braham Ferreira
- 16h30 – 17h00 Presentation by Bertrand Hontele, "LED's in Lighting Electronics"
Improving efficiencies of LEDs and the availability of high power packages open the possibilities to use LEDs as general light source. Applications where the coloured appearance of the LEDs is of benefit are first explored, such as traffic signals and signs. More and more, investigations are carried out for white light applications of LEDs. This is possible by using a triplet of Red, Green and Blue LEDs, or using phosphor converted Blue LEDs. The electrical characteristics of the LEDs in combination with the non-ideal effects of temperature dependency and aging may ask for sophisticated driving electronics. Also binning of LEDs and reliability are important. The presentation/demonstration will give a brief introduction in the most important application and electronic driver issues.
- 17h00 – 17h30 Demonstration on lighting applications.
- 17h30 Cocktails

What role does the IEEE IAS/PELS Chapter see for itself in the Benelux?

- Present a forum to exchange information in the technical fields of the societies.
- Since the chapter forms part of a very large international network the Chapter finds itself in a unique position to convey information on the recent trends in the technical fields.
- Host international speakers. (IEEE Distinguished Lecturers Program)
- Cooperate with societies such as the EPE and EMVT-Vereniging

If you wish to attend this event, please fill in the form below and send it back to the chapter secretary. Alternatively, you can send this information in an email to ieeeip@esat.kuleuven.ac.be, so we can estimate how many people will attend this event.

Further information on the chapter is posted on our homepage: <http://www.esat.kuleuven.ac.be/~ieeeip>

cut below

No. of persons that will attend the 1st Technical Meeting of the IEEE
Benelux IAS/PE chapter on 15/05/2000 in Eindhoven:

Name:

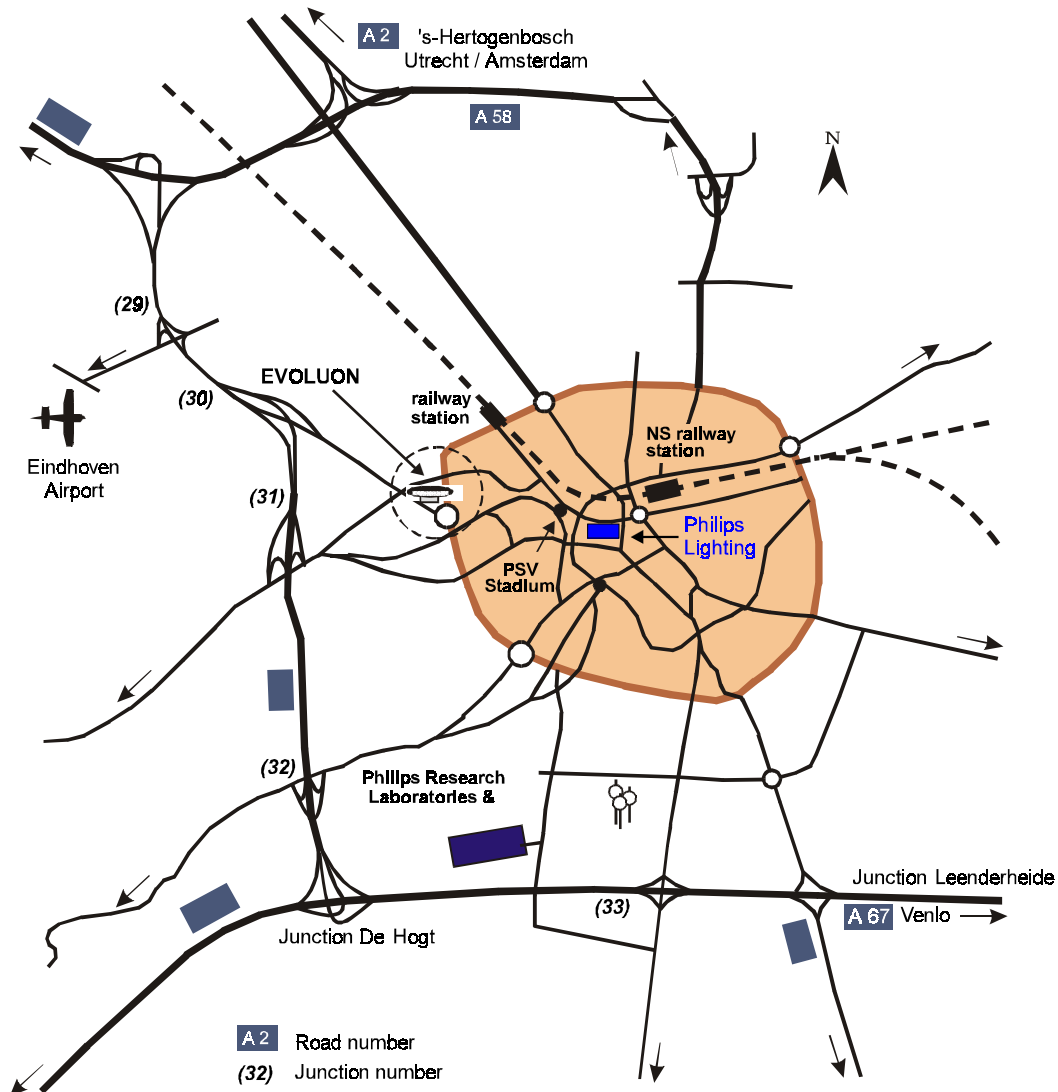
Address:

.....

e-mail:

send back to:

Johan Driesen
IEEE Benelux IAS/PE chapter
ESAT/ELEN - K.U.Leuven
K. Mercierlaan 94
B-3001 Heverlee
Belgium



Coming from Amsterdam, Utrecht, 's Hertogenbosch:

1. Take the [A2] for Eindhoven.
2. Follow the signs for Maastricht/Eindhoven.
3. **After** exit 29 follow the signs for Eindhoven and **keep to the left**.
4. Take exit 30. Keep driving until you reach the roundabout.
5. At the roundabout turn left (towards the Evoluon).
6. At the traffic lights turn right and follow the road (Cederlaan/Kastanjelaan) until you reach the T-crossing.
7. Turn left. At the traffic light turn right.
8. You will pass the PSV football stadium on your right.
9. At the second traffic light turn right. This is the main entrance of Philips Lighting.