

2000-01 Annual Report for IEEE-LEOS Benelux Chapter

I. Basic Information:

A. Reporting Chapter Chairman:
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B. Joint Chapter? [] Yes [X] No
 If joint, please list names of other participating societies.
 1.
 2.
 3.

C. Number of area LEOS members as of approximately May 30 (contained in geographical information of the LEOS Membership Directory):

	Number	Percent
Previous Yr	158	xxxxx
Current Year	???	???
Change	???	

D. Total Number of Technical Meetings:

This Year:	5
Last Year:	5

Note: 2001 membership is not yet precisely known

E. Average Technical Meeting Attendance **SEE II for details**

	<u>This Year</u>		<u>Last Year</u>		<u>Number % Change</u>
	Number	Percent	Number	Percent	
Total:	_____	xxxxx	_____	xxxxx	xxxxx
IEEE:	_____	_____	_____	_____	
LEOS:	_____	_____	_____	_____	

F. Chapter funds at the beginning of the year: 4497 EURO

G. Total Expenditures: 787 EURO _____ Total Income: 57 EURO _____ End of Year Balance: 3767 EURO

Note1 : the low income is due to the fact that the section rebate was not yet received in the reporting period.

Note 2: this balance does not include the expenditures and income of the symposium and workshop. Both activities were largely self-supporting due to judicious organisation and sponsoring from industry and government bodies.

H. Officers for 2000-01 (new officer list)

On a separate sheet of paper list the Chapter Officers (name, address, phone, fax, email)

(This information will be used to update the Chapter web site on the LEOS Home Page. Include your URL if your chapter has a home page.)

I. Check list:

- X Sent L-31 forms to IEEE (minimum of 2/yr required)
- X Nominated member for Senior Member grade (Tab 9)
- X Sent nomination for Distinguished Lecturer Award (Tab 8)
- Sent nomination of student member for Student Paper Award (Tab 8)

1. After a number of years with rapid growth we have reached a stationary situation

IV. List workshops, symposia, educational programs, consulting programs, job fairs etc. (*Most Innovative Chapter Award*)

1. See list under II and further detail on next page
2. The most innovative activity of the chapter this year is the initiative to organize an international workshop “How to start your photonics business” in conjunction with the European Conference on Optical Communication ECOC 2001, in Amsterdam. For further detail see below.

V. Miscellaneous Information/Elaboration on any of the above entries. (*Please attach up to ONE page.*)

We wish to have our chapter considered for the following chapter awards:

- Chapter of the Year (All information)
- Best Membership Percentage Increase (Part I.C.)
- Most Improved Chapter (Part III)
- Most Innovative Chapter Activities (Part IV)

Chapter Chair Signature:

V. Miscellaneous Information/Elaboration on any of the above entries.

Activities 2000 – 2001 IEEE-LEOS Benelux chapter

www.cobra.tue.nl/leos/index.html

Symposium 2000

The 2000 LEOS Benelux Chapter annual Symposium was held in Delft, The Netherlands on October 30, 2000. The organizer was dr. Xaveer Leijtens, presently member of the LEOS-Benelux board.

Two invited papers were presented by the IEEE distinguished lecturer Prof. dr. U Keller from ETH-Zurich and Dr. van Houten from Philips Research Laboratories. Apart from the invited papers, 16 oral papers and 48 posters were presented to the 155 participants (of which 105 LEOS members) attending the symposium. This meeting was supported by STW Technology Foundation, The Dutch Ministry of Economic Affairs (SENER, IOP "Electro-Optics"), DIMES/TU Delft, BFi Optilas, Lucent Technologies, SIMAC Electronics, JDS Uniphase, Agilent Technologies and Laser 2000 Benelux. The proceedings of the symposium, containing 4 pages summaries of all presented papers and posters, have been edited under the reference: "2000 IEEE/LEOS Symposium, Benelux Chapter, Proceedings, Editors: X.J.M. Leijtens and J.H. den Besten, ISBN: 90-9014260-6.

Workshop 2001

The fourth workshop of LEOS Benelux on "Semiconductor Light Emitting Devices" was successfully organised at the TU Eindhoven, (The Netherlands), on May 31st, 2001. The organizers were dr. Fouad Karouta and dr. Jos van der Tol. 34 participants attended the event, half of which were coming from Industry.

A digest with abstracts was available to the participants.

Company visits

In 2000 the LEOS Benelux Chapter started organising a series of visits to companies that are active in the field of opto-electronics and optical communications. These visits (were) are targeted primarily to (Ph.D.) students, but (were) are of course open to everyone interested. Overall the visits were coordinated by Peter Bienstman and Jan-Hendrik den Besten, student members of the LEOS Benelux board. In the reporting period two visits were organised. A visit to GTS (a major Belgian network operator) on November 8 attracted 16 attendants. Ten persons attended a visit to Kymata NL BV on April 12 in Enschede, the Netherlands, where a Photonic CAD-tool development was explained and some work on silicon micro-machines and optical sensor was shown.

European VCSEL workshop

On August 28-30, 2000 a European VCSEL workshop was held at Vrije Universiteit Brussel. The organiser was dr. Jan Danckaert. This workshop was organised in the framework of a meeting of the European COST 268 project. LEOS Benelux was not directly involved in the organisation but provided support to the meeting.

Dr. Kent Choquette (LEOS distinguished lecturer) was invited speaker at this meeting.

Finances

Over the past years the LEOS Benelux Board has been able to run its major activities (symposium and workshop) in a self-supporting way due to a strong effort to find sponsors and by a judicious management of the meetings. In this way the assets of the chapter have grown to about 4000 EURO. The board feels that in this way a necessary buffer is built that allows for taking risks in the organisation of meetings (e.g. the budget of the annual symposium is of the order of 10000 EURO). In the future the board will gradually evolve to a situation where the average annual income equals the average annual expenditures.

Future activities

- Given that the next European Conference on Optical Communication ECOC 2001 will be held in the Benelux (Amsterdam, September 30-October 4), the chapter has decided to organize an international LEOS workshop just before the conference and make it accessible free of charge to ECOC participants. The chapter chose Entrepreneurship in Photonics as workshop theme. The workshop is being organised by R. Baets, P. Vetter and E. Pennings. The program will consist of six invited contributions: 2 tutorials and 4 cases. The tutorial speakers will be Milton Chang (LEOS president-elect and distinguished lecturer) and Winfried Horsthuis (formerly with JDS-Uniphase). The workshop will be held on Sunday September 30 2001 from 2pm to 6 pm in the RAI in Amsterdam.
- The annual European Semiconductor Laser Workshop will also be held in conjunction with ECOC2001. LEOS Benelux is co-sponsor of this activity. It is organised at Ghent University by dr. Geert Morthier on September 28-30. Prof. D. Deppe (LEOS distinguished lecturer) will be invited speaker.
- The next annual symposium will be organized by Prof. H. Thienpont from the Vrije Universiteit Brussel on November 30,

Board of LEOS- Benelux 2000-2001

www.cobra.tue.nl/leos/index.html

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