

# INTERNATIONAL ERGONOMICS ASSOCIATION



- President:** Prof. J. Rosner, ul. Narbutta 15 m.l., 02-536 Warszawa, Poland  
Tel.: Office +49-63-76
- Secretary General:** H. L. Davis, Eastman Kodak Co., Kodak Park, Bldg. 56, Rochester, New York 14650, USA  
Tel.: Office +1-716-7220206 Home +1-716-244-1199
- Treasurer:** Prof. Dr. H. Scholz, Ardeystr 67, D-4600 Dortmund 1, W. Germany  
Tel.: Office +49-231-124243 Home +49-231-128497
- Bankers:** Commerzbank Dortmund Account No. 210 6508

## VIIth Congress of the IEA

The VIIth Congress of the International Ergonomics Association was held in Warsaw, on the 27-30 August, 1979. It was the first IEA Congress held in an Eastern European country. This enabled an important participation from European socialist countries as there were no currency problems so difficult to overcome for journeys to the Western countries.

### 1. Participation

The following table is an illustration of the participation from different countries and regions:

<u>Western countries</u>		<u>European socialist countries</u>	
1. Fed. Rep. of Germany	35	21. Hungary	48
2. Japan	34	22. German Dem. Rep.	25
3. France	31	23. Czechoslovakia	24
4. the Netherlands	25	24. Romania	19
5. United Kingdom	20	25. USSR	12
6. USA	19	26. Bulgaria	10
7. Finland	16	27. Yugoslavia	6
8. Sweden	16		
9. Switzerland	16	Total	144
10. Denmark	10	28. Poland	168
11. Canada	4		
12. Norway	4	Grand total	577
13. Austria	3		
14. Belgium	3		
15. Spain	3		
16. Australia	2		
17. Brazil	1		
18. Cuba	1		
19. Egipt	1		
20. Mexico	1		
Total	245		

The overall number of 577 participants from 28 countries represented the highest participation rate achieved so far at an IEA Congress.

2. Programme

The scientific programme of the Congress was organized as follows:

- A. Four plenary sessions devoted to the following topics:
  - Ergonomics as a Factor of Socio-Economic Development,
  - The Need for Broadening the Scientific Basis of Ergonomics,
  - Ergonomics of Non-vocational Activities,
  - Ergonomics for Occupational and Public Health Surveys.
- B. Six round table sessions dealing with:
  - Pioneers of Ergonomics,
  - Ergonomics in the Design of Industrial Equipment,
  - Factors influencing the Implementation of Ergonomic Principles in Industrial Practice,
  - Ergonomics and Standarization,
  - Forestry and Agriculture Ergonomics,
  - Application of Ergonomics at Successive Stages of Plant Design.

In addition, a panel discussion was held on "Ergonomics in an Industrial Enterprise - the Experience of Philips Eindhoven".

C. Technical and Poster sessions to discuss communications.

Out of the 207 communications accepted by the Organizing Committee, about 185 have been presented to the Congress. Half of them /ca.90/ were presented at poster sessions which were introduced for the first time at an IEA Congress; they were generally considered to be a considerable success.

The technical and poster sessions were presented in the following 16 groups:

1. Past, present and future development of ergonomics
2. Anthropometry, biomechanics and body posture
3. Physical workload and climatic load
4. Experimental psychology and psychophysiology
5. Mental load: laboratory investigations
6. Mental load: field studies
7. Visual and inspection tasks
8. Ergonomics in occupational health and safety
9. Night and shift work

10. Ergonomics for the elderly and the handicapped
11. Ergonomic design and evaluation of equipment and products
12. Sectorial applications of ergonomics
13. Ergonomics in driving and transport
14. Work systems analysis and design
15. Ergonomics and the organization of work
16. Education and training in ergonomics and human factors

The full texts of seven /out of a total of eight/ invited papers and of three /out of five/ introductions to the round table sessions as well as abstracts of the 207 communications were published in a special issue of "Ergonomics" /nr 6, June 1979/.

Five professional visits were organised on the days following the Congress:

- Warsaw: Central Institute of Labour Protection and Institute of Industrial Design.
- Neighbourhood of Warsaw: Research Institute of Forestry and Institute of Agriculture.
- Łódź: Institute of Industrial Medicine, two textile factories and Museum of History of Textile.
- Kraków: Visit of Kraków, Lenin Steelworks, Academy of Fine Arts, one-day stay in the sanatorium for the staff of the Lenin Steelworks in Krynica.
- Katowice and neighbourhood: Central Institute of Mining, experimental coalmine, Rehabilitation Centre of Repty.

Groups of 10 to 60 persons took part in these excursions.

A visit of Warsaw as well as a ladies' programme was organised for the participants and the accompanying persons.

A cocktail, a reception offered by the Polish Ergonomics Society as well as a farewell party completed the programme of the Congress.

### 3. Organisation

The VIIth IEA Congress was organised by the Polish Ergonomics Society. The preparatory work was carried out by an Organizing Committee of 14 persons:

J. Rosner /chairman/

B. Czekaluk

W. Fibiger

M. Gasińska

T. Gilecki

B. Kapitaniak

- |                |              |
|----------------|--------------|
| P.Krasucki     | A.Łodyński   |
| M.Madziar      | A.Ogiński    |
| L.Paluszkiwicz | M.Pałka      |
| J.Słowikowski  | J.Żytowiecki |

This Committee started its work in March 1977, i.e. about two and a half years before the opening of the Congress. The Committee benefitted of a very effective advice and assistance of three representatives of the IEA:

- Professor B.Metz /scientific programme/
- Dr.R.G.Sell and Professor H.Scholz /organisational and financial problems/.

The IEA advisers visited Warsaw twice in 1977 and 1978 for detailed discussions of the preparatory work.

There was an Honorary Committee presided by the President of the Polish Academy of Sciences, Professor W.Nowacki.

The Congress was held under the high patronage of the President of the Council of State, Professor H.Jabłoński.

On the occasion of the Congress, a medal in bronze as well as a special postage stamp were issued to commemorate Professor Wojciech Jastrzębowski from Warsaw who in 1857 published in a Polish review a study: "Rys ergonomii czyli nauki o pracy" /"Outline of Ergonomics or the Science of Work"/ thus coining for the first time in Europe the term of "ergonomics".

Finally, for the benefit of the Congress participants, the Polish Ergonomics Society issued a publication /in Polish and in English/: "Ergonomics in Poland" presenting the history, development and present organisation of ergonomics in Poland.

4. Finance

Here are the financial results of the Congress:

<u>Income</u>	<u>Zlotys</u>
Fees from Western countries /\$ 33 495 x 31.82/	1 065 610
Fees from socialist countries	282 000
Fees from Poland	205 874
Other sources in Poland	126 800
Total income	1 680 484

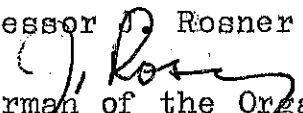
<u>Expenditures</u>	<u>Zlotys</u>
Total expenditures in Poland	1 560 941
Cost of printing the special issue of "Ergonomics" /\$ 3 300 x 31.32/	105 006
Total expenditures	1 665 947
Income	1 680 484
Expenditures	1 665 947
<u>Surplus</u>	<u>14 537</u>

According to the rules, 50% of the surplus, i.e. 7 268,50 zł = 228,50 \$ has been transferred to the IEA.

In addition, a surplus of 69 600 zł has been achieved resulting from subventions by Polish institutions to the Organizing Committee. Out of it, 50%, i.e. 34 800 zł /ca. 1 160 \$/ is at the disposal of the IEA though - according to the Polish currency regulations - it is not transferable abroad. This sum will be used for paying travel expenses abroad of the President of the IEA and similar expenses.

Thus, the net income of the IEA resulting from the VIIth Congress is the following:

50% of transferable surplus	\$ 228,50
50% of non transferable surplus	\$ 1 160.-
Total	<u>\$ 1 288,50</u>

Professor J. Rosner  
  
 Chairman of the Organizing Committee of the VIIth IEA Congress

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Rec'd. 11/5/88



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Warsaw, 22dn October, 1980

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Ergonomics  
Invest.*

Mr H.L.Davis,  
Eastman Kodak Co.,  
Kodak Park, Bldg 56  
Rochester, New York 14650, USA

Dear Harry,

Please find enclosed my report concerning the VIIth IEA Congress in Warsaw.

I would be grateful if you would send this report to all federated and affiliated Societies as well as to "Ergonomics International".

With kind regards

Yours sincerely,

*J. Rosner*  
Prof. J. Rosner

cc:

Prof. H.Scholz  
Mr R.G.Sell  
Prof.S.Sugiyama