



WINTER SCHOOLS OF THEORETICAL PHYSICS IN KARPACZ

First twenty three years
1964-1986

Prepared by J. L.



Uniwersytet
Wrocławski

PROFESSORS OF THEOR. PHYSICS IN 60'S AT UWR



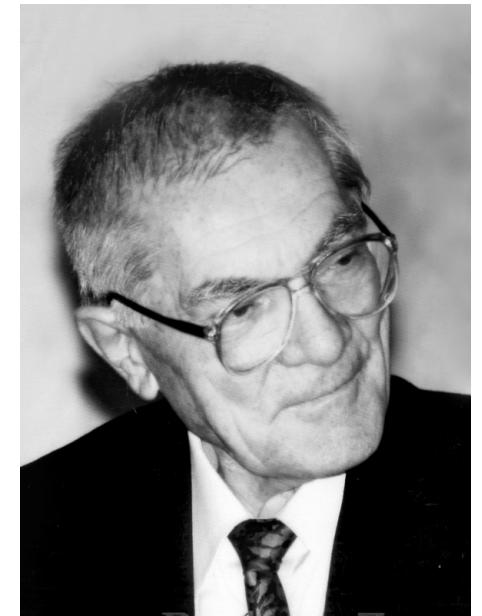
- Roman Ingarden



- Jan Rzewuski



- Jan Łopuszański



- Zygmunt Galasiewicz

FIRST KARPACZ WINTER SCHOOL OF THEOR. PHYSICS (1964)



KARPACZ WINTER SCHOOLS (1964; 1965)

Subject: Particles, Fields and Superconductivity

Director of 1st School: R.S. Ingarden

Polish/Foreign lecturers: 9/5 (J.Wess)

**Subject: Symmetries in Particle and Condensed
Matter Physics**

Director of 2nd School: W. Ziętek

Polish/Foreign lecturers: 8/4

KARPACZ WINTER SCHOOLS (1966;1967)

Subject: Statistical Physics of Condensed Matter

Director of 3rd School: Z.Galasiewicz

Polish/Foreign lecturers: 12/6 (I.Khalatnikov)

Subject: Functional Methods in QFT and Statistical Mechanics

Director of 4th School: J.Rzewuski

Polish/Foreign lect.: 6/21

(W.Thirring, F.A.Berezin, E.Fradkin, E.Caianiello)

KARPACZ WINTER SCHOOLS (1968;1969)

Subject: Axiomatic Approach to QFT

Director of 5th School: J.T. Lopuszański

Polish/Foreign Lecturers: 8/23 (R.Haag, R.F.Streater, D.Ruelle, K.Hepp, G.F.Dell'Antonio, G.Kallen)

**Subject: Group Theory and Statistical Physics
of Condensed Matter**

Director of 6th School: W.J. Ziętek

Polish/Foreign Lecturers: 6/6 (V.L.Pokrovsky, D.N.Zubarev)

KARPACZ WINTER SCHOOLS (1970;1971)

Subject: Liquid Helium and Many-Body Problems

Director of 7th School: Z.Galasiewicz

Polish/Foreign Lecturers: 3/9 (C.N.Yang, D.F.Brewer)

Subject: New Developments in Relativistic QFT
and Applications

Director of 8th School: J.Lukierski

Polish/Foreign Lecturers: 6/11 (L.D.Fadeev, J.Klauder, H.Leutwyler,
J.Niederle, I.T.Todorov)

KARPACZ WINTER SCHOOLS (1972;1973)

Subject: The Theory of Metals and Many-Body Problems

Director of 9th School: K.Wojciechowski Polish/Foreign

Lecturers: 3/13 (A.J. Legget, M.I.Kaganov, A.A.Migdal)

Subject: New Developments in Relativistic QFT

Director of 10th School: J.Lukierski

Polish/Foreign Lecturers: 0/17 (F.Guerra, V.I.Ogievetsky,
H.Pietschmann, G.Mack, A.F.Grillo, J.P. Antoine)

KARPACZ WINTER SCHOOLS (1974;1975)

Subject: Magnetism in Metals and Metallic Compounds

Director of 11th School: J.Przystawa

Polish/Foreign Lecturers: 2/24 (P.M. Levy, A.Kuhnel,
A.A.Abrikosov, C.P. Enz, A.P.Cracknell)

Subject: Functional and Probabilistic Methods in QFT

Director of 12th School: W. Garczyński

Polish/Foreign Lecturers: 9/20 (G. t'Hooft, J.Zinn-Justin, D.Olive,
R.L.Dobrushin, S.Albeverio, A.S. Schwarz)

KARPACZ WINTER SCHOOLS (1976;1977)

Subject: Developments in Relativ. QFT and Applications

Director of 13th School: J.Lukierski

Polish/Foreign Lecturers: 4/19 (S.Ferrara, L.Fonda, M.Dresden,
O.Steinmann,L.Streit)

Subject: Collective Effects in Condensed Media

Director of 14-th School: Z.Galasiewicz

Polish/Foreign Lecturers: 4/17 (A.N.Polyakov, H.Beck, K.Maki,
F.Mancini, G.Rowlands, W.Evans)

KARPACZ WINTER SCHOOLS (1978;1979)

Subject: Mathematical Aspects of QFT

Director of 15th School: W. Karwowski

Polish/Foreign Lecturers: 1/22 (H.Borchers, J.Frohlich, K.Osterwalder, D.Buchholz, A.O.Barut, J.Klauder)

Subject: Modern Trends in Theory of Condensed Matter

Director of 16th School: J. Przystawa

Polish/Foreign Lecturers: 5/26 (A.Legget, I.Khalatnikov, N.D.Mermin, G.Tolouse, A.Abrikosov, M.Kaganov)

KARPACZ WINTER SCHOOLS (1980;1981)

Subject: Development in Fundamental Interaction Theory

Director of 17th School: L.Turko

Polish/Foreign Lecturers: 2/20 (L.Brink, A.van Proyen, I.Arefeva,
H.Satz, O.W.Greenberg, R.Peccei, J.Swieca)

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**Subject: Gauge Field Theories: Theoretical Studies
and Computer Simulations**

Director of 18th School: W.Garczyński

Polish/Foreign Lecturers: 4/28 (J.B.Zuber, M.Creutz, P. di Vecchia,
L.Jacobs, H.Ruegg, P.Townsend, B. de Wit, K. Stelle)

KARPACZ WINTER SCHOOLS (1983;1984)

Subject: Supersymmetry and Supergravity

Director of 19th School: B.Milewski

Polish /Foreign Lecturers: 5/19 (P.Fre, A.van Proyen,
B.deWitt, H.Nicolai, J.G.Taylor, P.K. Townsend, P.West)

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Subject: Static Critical Phenomena in Inhomogeneous Systems

Director of 20th School: A.Pękaliski, J.Sznajd

Polish/Foreign Lecturers: 3/23 (R.Stinchcombe,T.Burkhardt,M.Ausloos,C.Castellani)

KARPACZ WINTER SCHOOLS (1985;1986)

Subject: Spontaneous Symmetry Breaking and Related Topics

Directors of 21st School: L.Michel. M.Mozrzymas

Polish/Foreign Lecturers: 4/15 (L.O'Raifertaigh,
H.J.Borchers, E.Ivanov, L.Michel, H.Ruegg)

Subject: Fields and Geometry

Director of 22nd School: A. Jadczyk

Polish/Foreign Lecturers: 5/19 (L. Alvarez-Gaume, L.Baulieu
R.Haag, G.Gibbons, L.Bonora, I.V.Volovich, B.Nillson)

25TH WINTER SCHOOL OF THEORETICAL PHYSICS (1989)



KARPACZ – TOWN OF OUR WINTER SCHOOLS

Situated at the foots of **Śnieżka Mountain**
at Czech/Polish border (highest in Sudety, 1605 m. above sea level)

Since 1964 till 2000's the Schools were organized at three
houses named „**Krokusy**” belonging to UWr
(krokus (eng.crocus) - beautiful mountain flower)

In last 20 years the **Karpacz Winter Schools** were not localized necessarily
in Karpacz, but allways in Lower Silesia near southern border of Poland
with Czechia

IMPORTANT ADVANTAGE OF KARPACZ WINTER SCHOOLS

Karpacz became known as the meeting place for the physicists from the West and the East.

Poland with its location in geographic center of Europe in these past times did fit very well for such a role.

In particular Soviet physicists could easier come to the conference in Poland, what was also attractive for the scientists coming to the conference from the West.

In 20 years there was a progress from 25-30 to 80-90 School participants, with almost all lecturers well-known foreign scientists coming from the East as well from the West.

PREPARING GRILLED SAUSAGES IN WINTER CONDITIONS IN 60'S



ŚNIEŻKA MOUNTAIN IN FEBRUARY, TIME OF OUR SCHOOLS



THANK YOU

