



# Klaus-Dieter Gross

## Personal memories of a wonderful time

GSI, 1992-1999

Hans J. Specht, GSI, 1 July 2022

# Klaus-Dieter Gross - Short Biography



- 1958 born in Wiesbaden
- 1967-1976 Oranien-Gymnasium Wiesbaden, 1976 Abitur
- 1976-1983 Study of Physics at the University of Mainz
- 1983-1984 'Zivildienst'
- 1984-1988 PhD studies at the FU Berlin and the HMI Berlin  
Nuclear solid state physics, supervisor Prof. D. Riegel
- 1989-1990 'Wiss.Angestellter' FU Berlin
- 1990-2022 'Wiss. Angestellter' GSI

Personal 'Referent' of the WGF  
+ a multitude of further activities

# GSI Management Board as of 1993



Inauguration of Helmut Zeitträger, Administrative Director of GSI as of 1993  
(Successor to Hans Otto Schuff )

On photo from right to left:

Hans J. Specht, Helmut Zeittraeger, Hans Otto Schuff and Klaus Dieter Gross

# Activities at GSI beyond Personal 'Referent' of WGF



User Liaison Officer for the scientific Users of GSI  
(UNILAC-SIS-ESR)

Supervision of numerous external and internal committees, e.g. EKA, WD, WR + research committees of the WR, AR and numerous ad hoc committees (material science, biophysics/therapy, increasing further after my time...)

Supervision of EU funding proposals, initially in the area of Transnational access to research infrastructures, later in overall research infrastructure proposals etc, etc, etc ...

Contribution to review lectures and articles on research at GSI

Contribution to, and later responsible for the newly designed GSI news

Contribution to the preparation of the applications and accompanying popular scientific brochures for Cancer Therapy and the HIT center in Heidelberg

Organization of VIP visits and "big events", e.g. 25 years of GSI

# 25th Anniversary of GSI

On May 12, 1995, *Hans J. Specht*, Scientific Director of GSI, welcomed an audience of more than 500 to celebrate the 25th anniversary of GSI.



Welcome addresses:

*Hartmut Grübel*, BMBF,  
Chairman of the GSI Board

*Christine Hohmann-Dennhardt*,  
Minister of Science&Art, Hessen

*Joachim Treusch*, Director of  
Jülich Forschungszentrum and  
Chairman of the AGF

*Peter Benz*, Mayor of Darmstadt

*Chris Llewellyn Smith*,  
Director General of CERN

*Wolfgang Frühwald*,  
President of the DFG

Scientific Highlights from the 25 years of GSI were summarized by *Dirk Schwalm*, Managing Director of the MPI Heidelberg. He presented the unique accelerator facility (**UNILAC, SIS18, ESR**), discovery of **5 super-heavy elements**, **tumour therapy with ion beams** on the horizon

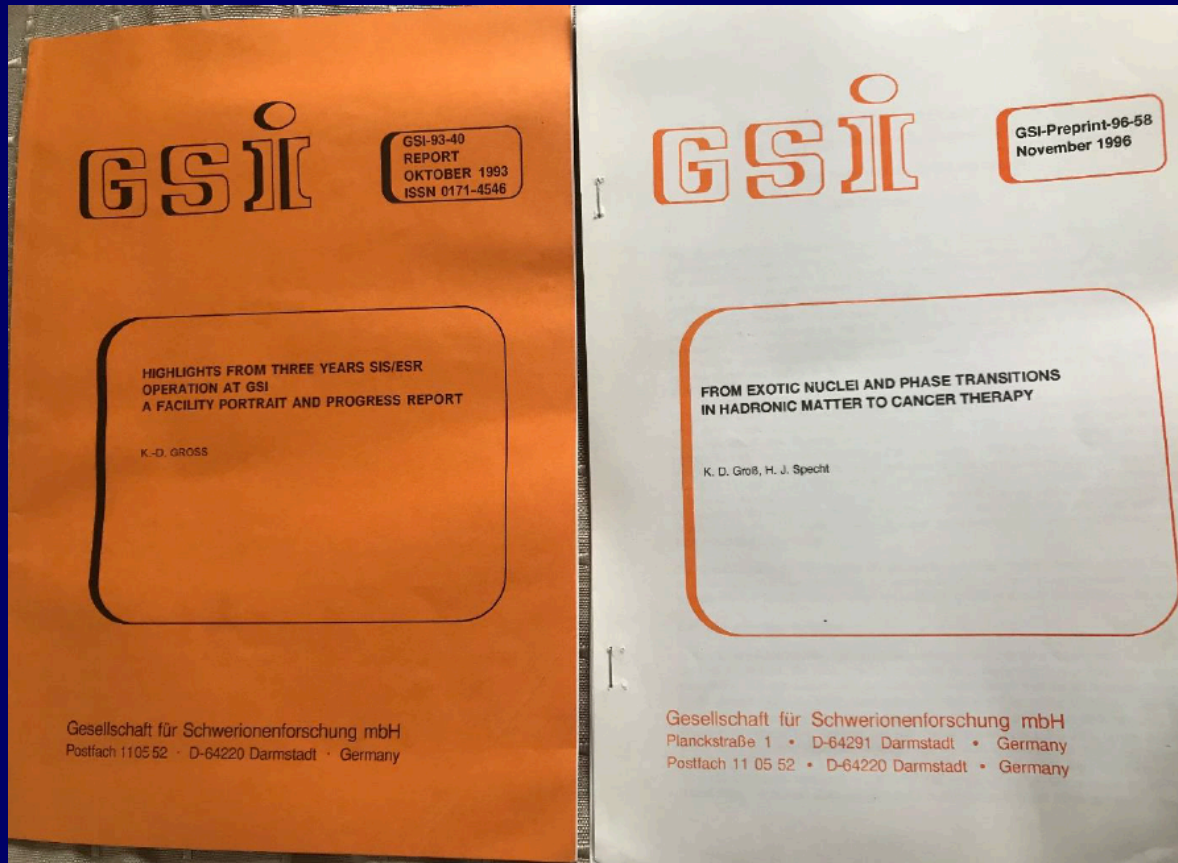
# 25th Anniversary of GSI





# GSI Reports and newly designed GSI News

## Editor Klaus Dieter Gross



Author and co-author of GSI Reports



Editor and later responsible for the newly designed GSI News



# Cancer-Therapy Pilot project with $^{12}\text{C}$ -Ions at GSI

## High-level visitors

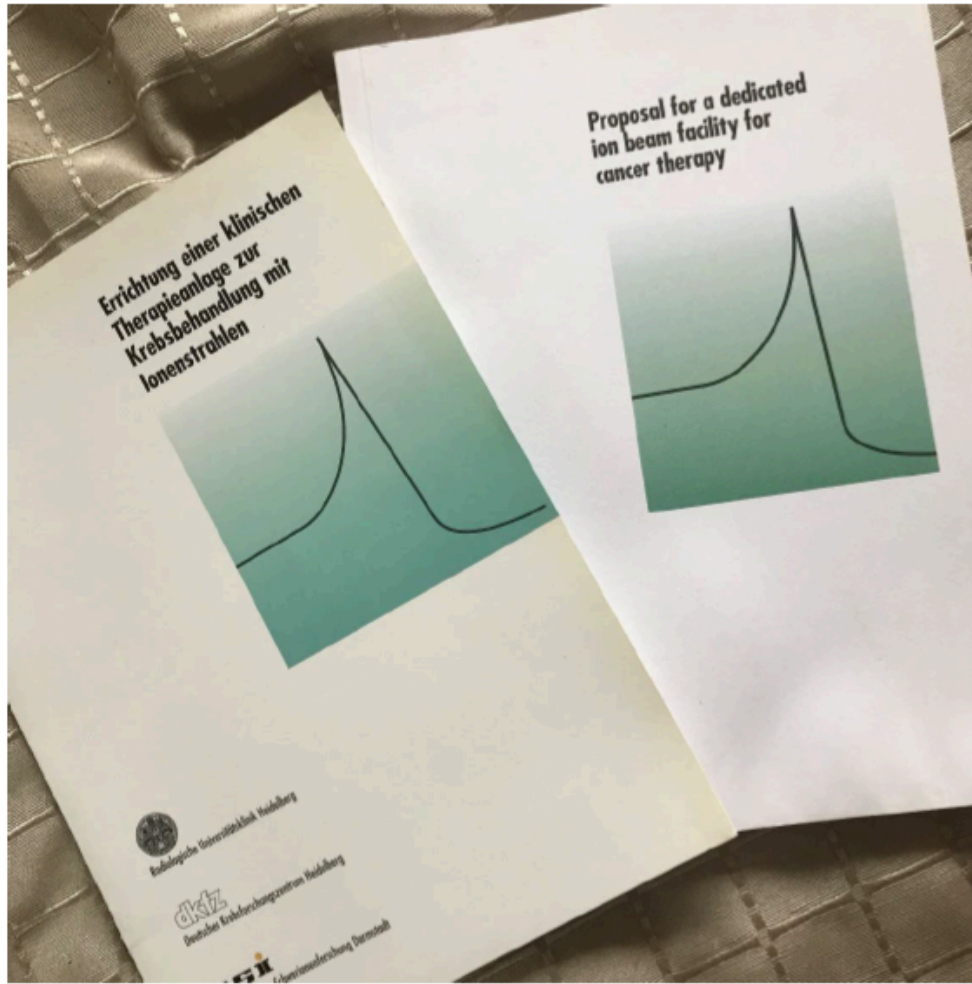


1993-1997 Pilot Cancer-Therapy Project with  $^{12}\text{C}$ -ions developed at GSI – including all hardware and software – Great example of Fundamental Science for Society

1997 **Milestone** - First patient successfully treated at GSI

1998 High-level visitors - u.a. Juergen Ruttgers, Federal Minister for Education, Science, Research and Technology

# Proposal and Brochure for Cancer Therapy with ions (HIT) – Co-Editor Klaus Dieter Gross



## Proposal for a dedicated ion beam facility for cancer therapy

Radiologische Universitätsklinik Heidelberg (project coordinator)  
Deutsches Krebsforschungszentrum Heidelberg (DKFZ)  
Gesellschaft für Schwerionenforschung Darmstadt (GSI)  
in cooperation with Forschungszentrum Rossendorf (FZR)

*Submitted in September 1998*

### *Spokesman*

J. Debus (DKFZ and Radiologische Klinik Heidelberg)

### *Contributors*

Radiologische Klinik Heidelberg, M. Wannemacher  
D. Ertner, M. Fuss, P. Heeg, F. Wenz

DKFZ Heidelberg, H. zur Hausen

R. Bendel, T. Bortfeld, G. Hartmann, O. Jäkel, C.P. Karger, A. Kriessbach, C. Lappe,  
M. Massimino, U. Ölfke, W. Schlegel

GSI Darmstadt, H.J. Specht

N. Angert, E. Badura, W. Becher, D. Böhne, H. Brand, C. Brusasco, A. Dolinskij,  
H. Eickhoff, H.G. Essel, B. Franzcnk, O. Geiss, Th. Haberer, J. Hoffmann, M. Krämer,  
G. Kraft, W. Krafi-Weyrather, U. Krause, N. Kurz, B. Langenbeck, W. Ott, M. Pavlovic,  
K. Poppensieker, M. Richter, D. Schardt, A. Schempp, B. Schliit, M. Scholz, P. Spiller,  
R. Steiner, H. Stelzer, B. Voss, U. Weber

FZ Rossendorf, F. Pobell

W. Enghardt, B. Hasch, R. Hinz, K. Lauckner, J. Pawelke, M. Sobiella

### *Editors:*

K.D. Groß, M. Pavlovic (GSI)



Klaus-Dieter Gross – Thank you for your great contributions to GSI and its continuous development

