

G. Brauer

Vortragsliste:

- mündliche Vorträge
- Posterbeiträge

List of talks:

- oral talks
- poster contributions

Gesamtzahl:

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414

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001. **G. Brauer**

Some results of positron annihilation in ionic crystals
Seminar der Hauptabteilung Kernphysik, KFKI Budapest, 24.10.1975

002. **G. Brauer**

Positronenannihilation - Zum Prinzip und zu Anwendungen
Herbstschule der TU Dresden, Sektion Physik (EP2), Geising, 24.-28.11.1975

003. **G. Brauer**

Some results of positron annihilation in ionic crystals
IX. Polnisches Seminar über Positronenannihilation, Piechowice, 09.-16.05.1976

004. **G. Brauer**, A. Balogh, A. Andreeff, G. Boden

Crystallinity of pure silica glass studied by positron annihilation
Fourth International Conference on Positron Annihilation, Helsingor, 23.-26.08.1976

005. **G. Brauer**, G. Boden

Heat treatment of pure silica glass studied by positron annihilation
Fourth International Conference on Positron Annihilation, Helsingor, 23.-26.08.1976

006. **G. Brauer**, A. Balogh, A. Andreeff

Positron lifetimes in V_3Si
Fourth International Conference on Positron Annihilation, Helsingor, 23.-26.08.1976

007. **G. Brauer**

Positronenannihilation
IV. Herbstschule junger Kernphysiker, Kurort Rathen, 29.11.-10.12.1976

008. **G. Brauer**

Untersuchung von Defektstrukturen mit Hilfe der Positronenannihilation
Frühjahrsschule des Bereich 2 des ZfK Rossendorf, Kurort Rathen, 11.-22.04.1977

009. **G. Brauer**

Positron annihilation in silica glass
X. Polnisches Seminar über Positronenannihilation, Piechowice, 25.-30.04.1977

010. **G. Brauer**, G. Boden

Untersuchungen an Kieselgläsern mittels Positronenannihilation
12. Jahrestagung der Vereinigung für Kristallographie (VFK) der DDR, Rostock,
09.-12.11.1977

011. **G. Brauer**

Positron annihilation at the ZfK Rossendorf
Seminar der Hauptabteilung Kernphysik, KFKI Budapest, 18.11.1977

012. **G. Brauer**

Positron annihilation in some water-dioxan liquid mixtures
XI. Polnisches Seminar über Positronenannihilation, Piechowice, 24.-29.04.1978

013. **G. Brauer**, G. Boden
Positron annihilation in silica glass
XII. Polnisches Seminar über Positronenannihilation, Piechowice, 23.-28.04.1979
014. **G. Brauer**
Quantenelektrodynamik - Tests mit Positronen
Frühjahrsschule des Bereich KF des ZfK Rossendorf, Niesky, 21.05.-01.06.1979
015. **G. Brauer**
Positron annihilation studies of condensed matter
Physikalisches Kolloquium, Institut für Physik der Lettischen Akademie der Wissenschaften, Riga-Salaspils, 29.05.1979
016. **G. Brauer**
Positron annihilation studies of condensed matter
Kolloquium, Forschungsinstitut für Festkörperphysik, Lettische staatliche Universität, Riga, 31.05.1979
017. **G. Brauer**
Festkörperuntersuchungen mittels Positronenannihilation (in russisch)
Seminar im LJAR des VIK Dubna, 01.11.1979
018. G. Anders, **G. Brauer**
Zum Strukturverhalten von Dioxan/Wasser-Gemischen
2. Arbeitstagung "Physik der Elektrolyte", Rostock, 30.01.-01.02.1980
019. **G. Brauer**
Problems in the analysis of positron lifetime spectra
XIII. Polnisches Seminar über Positronenannihilation, Piechowice, 21.-26.04.1980
020. **G. Brauer**, Ch. Döring, A. Andreeff
Positron annihilation study of Cu powder
XIII. Polnisches Seminar über Positronenannihilation, Piechowice, 21.-26.04.1980
021. Zs. Kajcsos, **G. Brauer**
Metallic glasses studied by positron annihilation
XIII. Polnisches Seminar über Positronenannihilation, Piechowice, 21.-26.04.1980
022. **G. Brauer**
Anwendung von Methoden der Positronenannihilation auf die Untersuchung schneller Lumineszenzprozesse in Alkalihalogenidkristallen (in russisch)
Seminar am Institut für Physik der Lettischen Akademie der Wissenschaften, Riga-Salaspils, 22.05.1980
023. Zs. Kajcsos, **G. Brauer**
Metallic glasses studied by positron annihilation
Conference on Metallic Glasses: Science and Technology, Budapest, 30.06.-04.07.1980
024. **G. Brauer**
Positronenannihilation - Zum Prinzip und Anwendungen
Seminar im Staatlichen Amt für Atomsicherheit und Strahlenschutz der DDR, Aussenstelle Lohmen, 21.11.1980
025. L. Intenberg, **G. Brauer**
Untersuchung schneller Lumineszenzprozesse in den Kristallen KI-Tl und KI-In (in russisch)
Seminar am Institut für Physik der Lettischen Akademie der Wissenschaften, Riga-Salaspils, 23.01.1981
026. **G. Brauer**
Positronenvernichtung
Bereichsseminar der Sektion Physik, Bergakademie Freiberg, 15.04.1981

027. L.E. Intenberg, **G. Brauer**
Investigation of fast luminescence processes in KI-Tl and KI-In crystals
International Conference on Defects in Insulating Crystals, Riga, 18.-23.05.1981
028. Zs. Kajcsos, **G. Brauer**, L. Marczis, Cs. Szeles
Structural study of metallic glasses by positron annihilation
XIV. Polnisches Seminar über Positronenannihilation, Karpacz, 01.-06.06.1981
029. A. Andreeff, **G. Brauer**, H. Fiedler
Study of the free volume in $\text{Fe}_5\text{Co}_{70}\text{Si}_{15}\text{B}_{10}$ - and $\text{Fe}_{40}\text{Ni}_{40}\text{P}_{14}\text{B}_6$ - systems by positron annihilation
International Conference on Amorphous Systems investigated by Nuclear Methods, Balatonfüred, 31.8.-04.09.1981
030. Zs. Kajcsos, L. Marczis, A. Lovas, E. Kisdi-Koszo, D. Kiss, Cs. Szeles, **G. Brauer**
Extensive study of metallic glasses by positron annihilation
International Conference on Amorphous Systems investigated by Nuclear Methods, Balatonfüred, 31.08.-04.09.1981
031. A. Vertes, Zs. Kajcsos, I. Czako-Nagy, M. Lakatos-Varsanyi, L. Csordas, **G. Brauer**, H. Leidheiser Jr.
Structure investigations of electrodeposited Ni
International Conference on Amorphous Systems investigated by Nuclear Methods, Balatonfüred, 31.08.-04.09.1981
032. Zs. Kajcsos, T. Kemeny, **G. Brauer**
On the application of positron annihilation for structure study of metallic glasses
International Conference on Amorphous Systems investigated by Nuclear Methods, Balatonfüred, 31.08.-04.09.1981
033. Zs. Kajcsos, L. Marczis, L. Granasy, Cs. Szeles, D. Kiss, A. Lovas, **G. Brauer**
Influence of production process on metallic glasses as seen by positron annihilation
Sixth International Conference on Positron Annihilation, Arlington/TX, 03.-07.04.1982
034. **G. Brauer**
Positronenannihilationsspektroskopie
Seminar des Wissenschaftsbereiches Physik, Hochschule für Verkehrswesen "Friedrich List" Dresden, 20.04.1982
035. **G. Brauer**
Micellisation of dodecylsulfate in aqueous solutions studied by positron annihilation
XV. Polnisches Seminar über Positronenannihilation, Karpacz, 27.09.-02.10.1982
036. **G. Brauer**
Positronenannihilation - Grundlagen und Anwendung auf das Sintern von Oxidkeramik
KDT-Kolloquium im VEB Keramische Werke Hermsdorf, 07.12.1982
037. **G. Brauer**
Positronenannihilation an Reaktordruckbehälterstahl
1. Kolloquium "Neutronenversprödung von Reaktordruckbehälterstählen", Dresden, 19.-20.01.1983
038. **G. Brauer**, G. Boden
Untersuchungen an Kieselglas mittels Positronenannihilation
3. Tagung "Nukleare Analysenverfahren", Dresden, 11.-15.04.1983
039. **G. Brauer**, F. Kerbe
Untersuchung des Verdichtungs- und Sinterverhaltens von Oxidkeramik mittels Positronenannihilation
XXXIV. Berg- und Hüttenmannischer Tag, Bergakademie Freiberg, 14.-17.06.1983

040. **G. Brauer**
Positronenannihilation
Bereichskolloquium, Bereich KB im ZfK Rossendorf, 15.09.1983
041. **G. Brauer**
Positronenannihilation an Reaktordruckbehälterstahl
Bereichsschule des Bereich KB im ZfK Rossendorf, Matzlow-Garwitz, 26.-30.09.1983
042. J. Tutschku, **G. Brauer**
Preferential solvation studied by positron annihilation
XVI. Polnisches Seminar über Positronenannihilation, Piechowice, 03.-08.10.1983
043. L. Marczis, Zs. Kajcsos, Cs. Szeles, L. Granasy, T. Kemeny, A. Lovas, **G. Brauer**
Study of quenched-in structural imperfections in metallic glasses by positron annihilation
XVI. Polnisches Seminar über Positronenannihilation, Piechowice, 03.-08.10.1983
044. **G. Brauer**
Positron annihilation studies of amorphous alloys and radiation damage in reactor pressure vessel steels
Seminar am UFM Brno, 24.11.1983
045. J. Tutschku, H. Kelm, **G. Brauer**
Comparison between IR-spectroscopy and positron annihilation for estimating the preferential solvation of electrolytes
Symposium on the Structure of Liquids and Solution, Veszprem, 27.-30.08.1984
046. J. Tutschku, **G. Brauer**
Effect of ClO₄ ions on interactions between cations and positron
Twelfth International Hot Atom Chemistry Symposium, Balatonfüred, 23.-28.09.1984
047. **G. Brauer**, F. Kerbe
Positron annihilation studies on metal oxide powders
XVII. Polnisches Seminar über Positronenannihilation, Piechowice, 05.-09.10.1984
048. A. Balogh, **G. Brauer**, I. Dezsi, B. Molnar
Positron annihilation studies on Co-Si alloys
Seventh International Conference on Positron Annihilation, New Delhi, 06.-11.01.1985
049. Zs. Kajcsos, L. Granasy, T. Kemeny, E. Kisdi-Koszo, L.F. Kiss, G. Konczos, A. Lovas, L. Marczis, Cs. Szeles, A. Vertes, **G. Brauer**
Imperfection structure of metallic glasses studied by positron annihilation
Seventh International Conference on Positron Annihilation, New Delhi, 06.-11.01.1985
050. Zs. Kajcsos, A. Vertes, Cs. Szeles, K. Burger, H. Spiering, P. Gütlich, J.Ch. Abbe, A. Haessler, **G. Brauer**, C.P. Köhler
High spin - low spin transition studied by positron annihilation
Seventh International Conference on Positron Annihilation, New Delhi, 06.-11.01.1985
051. **G. Brauer**, K. Popp
Neutronenversprödung von Reaktordruckbehälterstählen - Forschung im ZfK Rossendorf (Abteilung KBC)
2. Kolloquium "Diagnose des Werkstoffzustandes und Prognose des Bauteilverhaltens in Kernenergieanlagen", ZfK Rossendorf, 12.-14.03.1985
052. M. Blochwitz, **G. Brauer**, E. Hampe, W.-D. Leonhardt, K. Popp, H.-P. Schützler, G. Schott
RFR-Bestrahlungen
2. Kolloquium "Diagnose des Werkstoffzustandes und Prognose des Bauteilverhaltens in Kernenergieanlagen", ZfK Rossendorf, 12.-14.03.1985

053. M. Blochwitz, **G. Brauer**, H. Goedecke, E. Hampe, W.-D. Leonhardt, K. Popp, H.-W. Viehrig
 WWER-2 - Voreilproben - Thermische Ausheilung
 2. Kolloquium "Diagnose des Werkstoffzustandes und Prognose des Bauteilverhaltens in Kernenergieanlagen", ZfK Rossendorf, 12.-14.03.1985
054. **G. Brauer**, F. Kerbe, A. Balogh
 Positron annihilation in ZnO powders
 XVIII. Polnisches Seminar über Positronenannihilation, Piechowice, 08.-12.10.1985
055. Cs. Szeles, A. Vertes, **G. Brauer**
 The effect of deposition temperature on the defect structure of Ni electrodeposits
 XVIII. Polnisches Seminar über Positronenannihilation, Piechowice, 08.-12.10.1985
056. K. Popp, M. Blochwitz, **G. Brauer**, E. Hampe, W.-D. Leonhardt, H.-P. Schützler
 Property changes of reactor pressure vessel steel caused by neutron irradiation
 XVIII. Polnisches Seminar über Positronenannihilation, Piechowice, 08.-12.10.1985
057. K. Popp, M. Blochwitz, **G. Brauer**, E. Hampe, W.-D. Leonhardt, H.-P. Schützler
 Eigenschaftsänderung von Reaktordruckbehälterstahl infolge Neutronenbestrahlung und thermischer Ausheilung
 VII. Symposium "Verformung und Bruch", Magdeburg, 03.-05.09.1985
058. **G. Brauer**
 Ausheiluntersuchungen an Reaktordruckbehälterstählen mittels Positronenannihilation
 Frühjahrsschule des Bereich KB im ZfK Rossendorf, Holzau, 21.-25.04.1986
059. K. Popp, **G. Brauer**, W.-D. Leonhardt, H.-P. Schützler, H.-W. Viehrig
 Assessment of the irradiation sensitivity and thermal annealing behaviour of a reactor pressure vessel steel
 Ninth Congress on Material Testing and Third Danubia-Adria Symposium, Budapest, 29.09.-03.10.1986
060. **G. Brauer**, W. Hertle, A.G. Balogh
 Gamma-irradiation of polyethylene studied by positron annihilation
 XIX. Polnisches Seminar über Positronenannihilation, Piechowice, 13.-17.10.1986
061. K. Popp, **G. Brauer**, W.-D. Leonhardt, H.-P. Schützler, H.-W. Viehrig
 Assessment of the irradiation sensitivity and thermal annealing behaviour of a reactor pressure vessel steel
 XIX. Polnisches Seminar über Positronenannihilation, Piechowice, 13.-17.10.1986
062. **G. Brauer**, K. Popp
 Neutron embrittlement of reactor pressure vessel steels: A challenge to positron annihilation and other methods
 European Meeting on Positron Studies of Defects (PSD87), Wernigerode, 23.-27.03.1987
063. **G. Brauer**, G. Boden, T. Hübert, M. Kirsch
 Sintering and crystallization of titanium containing lead borate glasses
 European Meeting on Positron Studies of Defects (PSD87), Wernigerode, 23.-27.03.1987
064. K. Popp, **G. Brauer**, W.-D. Leonhardt, H.-W. Viehrig
 Beurteilung des thermischen Ausheilverhaltens neutronenbestrahlter RDB-Stähle mittels zerstörungsfreier Prüfmethode
 3. Kolloquium "Diagnose des Werkstoffzustandes und Prognose des Bauteilverhaltens in Kernenergieanlagen", ZfK Rossendorf, 23.-27.03.1987
065. **G. Brauer**
 Versprödungsuntersuchungen an Reaktordruckbehälterstählen
 Seminar der AG Grundlagenbildung, Sektion Physik der TU Dresden, 06.05.1987

066. K. Popp, **G. Brauer**, W.-D. Leonhardt, H.-W. Viehrig
Evaluation of thermal annealing behaviour of neutron irradiated RPV steels using non-destructive test methods
IAEA Specialists' Meeting on Irradiation Embrittlement and Aging of RPV Steels, Philadelphia/PA, 27.-29.05.1987
067. **G. Brauer**, G. Boden
Ordering phenomena in silica glasses studied by positron annihilation
Second International Conference on Effects of Modes of Formation on the Structure of Glass, Nashville/TN, 15.-18.06.1987
068. A. Vertes, Zs. Kajcsos, **G. Brauer**, J. Hüller, I. Zay, K. Burger
Effect of the spin state of transition metals on their interaction with orthopositronium in aqueous solutions
Symposium on the Structure of Liquids and Solutions, Veszprem, 24.-27.08.1987
069. **G. Brauer**, L. Liskay, B. Molnar
Positron annihilation studies of neutron irradiated reactor pressure vessel steels
XX. Polnisches Seminar über Positronenannihilation, Piechowice, 16.-21.05.1988
070. **G. Brauer**, L. Liskay, B. Molnar, R. Krause, A. Polity
Studies of neutron irradiated reactor pressure vessel steels by positron annihilation
Eighth International Conference on Positron Annihilation, Gent, 29.08.-03.09.1988
071. **G. Brauer**, D. Nebel
Beitrag der Positronenannihilation zur Aufklärung der Neutronenversprödung von Reaktordruckbehälterstahl
VIII. Symposium "Verformung und Bruch", Magdeburg, 06.-08.09.1988
072. **G. Brauer**
Untersuchungen an neutronenbestrahlten RDB-Stählen mittels Positronenannihilation
Winterschule des Bereich KB im ZfK Rossendorf, Holzhau, 18.-22.12.1988
073. **G. Brauer**
Positronenannihilation zur Aufklärung der Neutronenversprödung in Reaktorbaustählen
Kolloquium am ZFI Leipzig, 08.02.1989
074. **G. Brauer**, W. Hertle, E. Müller, W. Tzschentschler
Suggestions for a real-time state-of-matter description of polymers during irradiation
International Symposium on Radiation Degradation of Polymers and the Radiation Resistant Materials, Takasaki, 24.-25.07.1989
075. **G. Brauer**, W. Matz, Cs. Fetzter
Experience with neutron irradiated reactor pressure vessel steels - a Mössbauer study
International Conference on the Applications of the Mössbauer Effect (ICAME'89), Budapest, 04.-08.09.1989
076. **G. Brauer**
Mikrostrukturelle Aspekte der Neutronenversprödung von RDB-Stählen aus der Sicht der Positronenannihilationsspektroskopie
4. Kolloquium "Diagnose des Werkstoffzustandes und Prognose des Bauteilverhaltens in Kernenergieanlagen", ZfK Rossendorf, 21.-23.02.1990
077. **G. Brauer**
Mikrostrukturelle Aspekte der Neutronenversprödung von RDB-Stählen aus der Sicht der Positronenannihilationsspektroskopie
Werkstoffseminar im Institut für Werkstofforschung, GKSS Geesthacht, 26.04.1990
078. **G. Brauer**
Beiträge zur Aufklärung von Mechanismen der Neutronenversprödung von Reaktorstäählen mittels Positronenzerstrahlung
Seminar über aktuelle Fragen der Festkörperphysik, Universität Stuttgart, 08.05.1990

079. **G. Brauer**, L. Liskay, B. Molnar, R. Krause
Microstructural aspects of neutron embrittlement of reactor pressure vessel steels - a view from positron annihilation spectroscopy
XXII. Polnisches Seminar über Positronenannihilation, Piechowice, 14.-18.05.1990
080. **G. Brauer**, W. Matz, Cs. Fetzer
Experience with neutron irradiated reactor pressure vessel steels - a Mössbauer study
XXII. Polnisches Seminar über Positronenannihilation, Piechowice, 14.-18.05.1990
081. **G. Brauer**, L. Liskay, B. Molnar, R. Krause
Microstructural aspects of neutron embrittlement of reactor pressure vessel steels - a view from positron annihilation spectroscopy
IAEA Specialists' Meeting on Radiation Embrittlement and Surveillance, Balatonfüred, 25.-29.09.1990
082. **G. Brauer**
Positronenannihilation - Methoden - Überblick und Anwendung auf das Problem Neutronenversprödung von Reaktordruckbehälterstahl
Universität des Saarlandes, Fachbereich 15.1 (Werkstoffwissenschaften und Fertigungstechniken, Lehrstuhl für zerstörungsfreie Prüfung und Qualitätssicherung), 16.01.1991
083. **G. Brauer**
Physikalische Grundlagen der Positronenannihilation
Technische Universität Dresden, Fachbereich Physik, 07.05.1991
084. **G. Brauer**, W. Matz, L. Liskay, B. Molnar, R. Krause
Positron annihilation and Mössbauer studies of neutron irradiated reactor pressure vessel steels
International Conference on Physics of Irradiation Effects in Metals (PM'91), Siofok, 20.-24.05.1991
085. **G. Brauer**
Positronenannihilationsspektroskopie - Physikalische Grundlagen und Ergebnisse an bestrahltem Polyethylen
Siemens AG (Unternehmensbereich KWU Erlangen) Werkstoffe und Chemie, 06.06.1991
086. **G. Brauer**
Untersuchungen von Reaktorstahl mit Positronen
Universität der Bundeswehr München, Institut für nukleare Festkörperphysik, 17.06.1991
087. **G. Brauer**
Defects in reactor steels - a challenge to positron annihilation and other methods
Nineth International Conference on Positron Annihilation, Szombathely, 26.-31.08.1991
088. **G. Brauer**, M. Sob, M.J. Puska
Positron affinities for carbides
Nineth International Conference on Positron Annihilation, Szombathely, 26.-31.8.1991
089. A. Andreeff, **G. Brauer**, Chr. Döring
The specific capture rate of positrons at dislocations in copper
Nineth International Conference on Positron Annihilation, Szombathely, 26.-31.8.1991
090. **G. Brauer**
Neutronenversprödung von Reaktorstahl - eine Herausforderung für die Positronenannihilation und andere Methoden
Universität Bielefeld, Fakultät Physik, 25.10.1991

091. **G. Brauer**, F. Eichhorn, F. Frisius, R. Kampmann
Investigation of neutron irradiated Soviet type reactor pressure vessel steels by small angle neutron scattering
16th International Symposium on Effects of Radiation on Materials, Aurora/CO, 23.-25.06.1992
092. **G. Brauer**
Positron annihilation studies of Soviet type reactor pressure vessel steels - a review
Seminar an der University of California (Engineering II), Santa Barbara/CA, 30.06.1992
093. **G. Brauer**, Th. Daniel, W. Faust, H. Schneider, Z. Michno
Positron lifetime measurements in gamma-irradiated polyethylene under different conditions
Fifth International Workshop on Slow Positron Beam Techniques for Solids and Surfaces (SLOPOS-5), Jackson Hole/WY, 06.-10.08.1992
094. **G. Brauer**, F. Eichhorn
Considerations about irradiation-induced precipitates in Soviet type reactor pressure vessel steels
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel Steels (IG-RDM 4), Fontainebleau, 16.-20.11.1992
095. M.K. Miller, R. Jayaram, P.J. Othen, **G. Brauer**
Preliminary Atom Probe Field Ion Microscopy characterizations of VVER steels
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel Steels (IG-RDM 4), Fontainebleau, 16.-20.11.1992
096. **G. Brauer**
Defects in reactor steels
Seminar an der University of East Anglia (School of Physics), Norwich, 28.04.1993
097. **G. Brauer**, Th. Daniel, W. Faust, Z. Michno, H. Schneider
Positron lifetime measurements in polyethylene under different conditions
4th International Workshop on Positron and Positronium Chemistry (PPC-4), Le Mont Sainte-Odile, 20.-24.06.1993
098. Zs. Kajcsos, K. Lazar, **G. Brauer**
Ion-exchange with Pd/Pt and Fe and their reduction to metallic state in zeolites: Positron annihilation and Mössbauer studies
4th International Workshop on Positron and Positronium Chemistry (PPC-4), Le Mont Sainte-Odile, 20.-24.06.1993
099. W. Anwand, **G. Brauer**, P.G. Coleman, Zs. Kajcsos, K. Rudolph, G. Schuster, K. Teske
Positron annihilation studies of YBaCuO
International School of Physics "Enrico Fermi", Course CXXV "Positron spectroscopy of solids", Varenna, 06.-16.07.1993
100. H.-R. Kissener, **G. Brauer**
Design of a slow positron transport system
International School of Physics "Enrico Fermi", Course CXXV "Positron spectroscopy of solids", Varenna, 06.-16.07.1993
101. E.-M. Nicht, **G. Brauer**, Zs. Kajcsos, B. Molnar
Structural studies of the Cu-Mn system
International School of Physics "Enrico Fermi", Course CXXV "Positron spectroscopy of solids", Varenna, 06.-16.07.1993
102. M.K. Miller, R. Jayaram, P.J. Othen, **G. Brauer**
Atom probe field ion microscopy characterizations of VVER steels
Sixth International Symposium on Environmental Degradation of Materials in Nuclear Power Systems - Water Reactors, San Diego/CA, 01.-05.08.1993

103. M.K. Miller, R. Jayaram, P.J. Othen, **G. Brauer**
APFIM characterization of 15Kh2MFA Cr-Mo-V and 15Kh2NMFA Ni-Cr-Mo-V type steels
40th International Field Emission Symposium, Nagoya, 01.-06.08. **1993**
104. **G. Brauer**
Recent results in the study of reactor pressure vessel steels
Seminar an der University of Texas at Arlington (Physics Department), Arlington/TX,
13.08.1993
105. **G. Brauer**
Recent results in the study of reactor pressure vessel steels
Seminar an der Texas Christian University (Department of Physics), Ft. Worth/TX,
20.08.1993
106. M.J. Puska, T. Korhonen, M. Sob, **G. Brauer**
The effect of structural vacancies in electronic structure and positron annihilation
characteristics of refractory metal carbides
6th International Workshop on Carbon Materials, Jülich, 23.-24.09.1993
107. **G. Brauer**
Positron annihilation studies of VVER type reactor steels
Europhysics Industrial Workshop EIW-12, Oisterwijk, 10.-12.03.1994
108. M.J. Puska, M. Sob, **G. Brauer** and T.O. Korhonen
Positron annihilation characteristics in perfect and imperfect transition metal carbides and
nitrides
Europhysics Industrial Workshop EIW-12, Oisterwijk, 10.-12.03.1994
109. M.P. Manahan, Sr., L.J. Cuddy, **G. Brauer**
An investigation of ductile fracture mechanisms in irradiated A302B steel
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel
Steels (IG-RDM 5), Santa Barbara/CA, 02.-05.05.1994
110. J. Böhmert, **G. Brauer**, M. Große and F. Eichhorn
Characterisation of irradiation-induced precipitates in VVER-type RPV steel 15Kh2MFA by
anomalous small angle X-ray scattering (ASAXS)
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel
Steels (IG-RDM 5), Santa Barbara/CA, 02.-05.05.1994
111. **G. Brauer**
Positron annihilation spectroscopy of precipitates with and without mdtal vacancles
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel
Steels (IG-RDM 5), Santa Barbara/CA, 02.-05.05.1994
112. M.K. Miller, R. Jayaram, P.J. Othen, **G. Brauer**
Microstructural characterization of Russian steels
Meeting of the International Group on Radiation Damage Mechanisms in Pressure Vessel
Steels (IG-RDM 5), Santa Barbara/CA, 02.-05.05.1994
113. W. Anwand, H.-R. Kissener, **G. Brauer**
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317. **G. Brauer**
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319. R. Krause-Rehberg, **G. Brauer**, A. Krille, M. Jungmann, S. Sachert, A. Rogov, K. Noack
The pulsed high-brightness positron source EPOS
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Diluted magnetic semiconductors created by non-equilibrium processing - new challenges for ion beams
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328. A. Andreev, Y. Hou, C. Teichert, **G. Brauer**, A. Djuric
Characterization of semi-conducting nanorods by AFM and conducting AFM
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333. W. Anwand, W. Skorupa, M. Posselt, B. Schmidt, R. Grötzschel, **G. Brauer**
Defect profiles in B⁺ or P⁺ implanted Ge after Flash Lamp Annealing (FLA) probed by Slow Positron Implantation Spectroscopy (SPIS)
Third CADRES Workshop, Gent, 23.01.2007
334. **G. Brauer**
Characterization of ZnO single crystals by positron annihilation
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335. **G. Brauer**, R. Krause-Rehberg, A. Krille, M. Jungmann
The EPOS-project at ELBE: a status report 12/2006
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338. **G. Brauer**
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11th International Workshop on Slow Positron Beam Techniques for Solids and Surfaces (SLOPOS-11), Orleans, 09.-13.07.**2007**
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345. W. Anwand, W. Skorupa, Th. Schumann, M. Posselt, B. Schmidt, R. Grötzschel, **G. Brauer**
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346. J. Cizek, I. Prochazka, M. Vlach, N. Zaludova, S. Danis, P. Dobron, F. Chmelik, **G. Brauer**, W. Anwand, A. Mücklich, E. Nikitin, R. Gemma, R. Kirchheim, A. Pundt
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348. S. Benayoun, R.I. Grynszpan, J.J. Hantzpergue, W. Anwand, F. Eichhorn, **G. Brauer**
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349. C.C. Ling, C.K. Cheung, Q.L. Gu, X.M. Dai, S.J. Xu, C.Y. Zhu, J.M. Luo, K.H. Tam, A.B. Djuricic, C.D. Beling, S. Fung, L.W. Lu, **G. Brauer**, W. Anwand, W. Skorupa, H.C. Ong
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Characterization of ZnO nanorods by AFM
Materials Today ASIA, Beijing, 03.-05.09.**2007**
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352. W. Anwand, S.Z. Xiong, C.Y. Wu, Th. Gebel, Th. Schumann, **G. Brauer**, W. Skorupa
Structural changes in flash lamp annealed amorphous Si layers probed by slow positron implantation spectroscopy
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355. I. Prochazka, J. Cizek, **G. Brauer**, W. Anwand
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International Conference on Nanostructured Materials for Functional, Structural and Bio-Applications (NANO'07), Brno, 08.-10.10.**2007**
356. **G. Brauer**, W. Anwand
Positron Annihilation Spectroscopy – Its Basics and Application to ZnO single crystals
Seminar am Institute of Physics, Opole University, Opole, 25.10.**2007**
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Seminar am Institute of Experimental Physics, Wroclaw University, Wroclaw, 26.10.**2007**
358. **G. Brauer**, M. Schmidt, H. von Wenckstern, W. Anwand, W. Skorupa, M. Helm, M. Grundmann
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Characterization of vertical arrays of ZnO nanorods by AFM
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360. X.M. Dai, S.X. Xu, Q.L. Gu, C.C. Ling, **G. Brauer**, W. Anwand, W. Skorupa
Photoluminescence characterization of defects in Nitrogen-implanted ZnO
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362. **G. Brauer**, J. Kuriplach
Hydrogen in ZnO – a challenge to experiments and theory
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363. M. Schmidt, **G. Brauer**, W. Skorupa, M. Helm, H. v. Wenckstern, R. Pickenhain, M. Grundmann
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Untersuchung von Punktdefekten in ZnO mit Positronen
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Forschungszentrum Dresden-Rossendorf, Dresden, 02.04.**2008**
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Vacancy-hydrogen complexes in ZnO
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372. **G. Brauer**
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373. **G. Brauer**, J. Kuriplach, C.C. Ling, and A.B. Djuricic
Activities towards p-type doping of ZnO
Invited talk, International Workshop on Positron Studies of Defects (PSD-08), Prag,
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374. J. Cizek, I. Prochazka, S. Danis, **G. Brauer**, W. Anwand, R. Gemma, R. Kirchheim, A. Pundt
Hydrogen interaction with vacancies in niobium
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375. R. Krause-Rehberg, M. Jungmann, **G. Brauer**, W. Anwand, M. Werner, E. Altstadt, K.
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376. O. Melikhova, J. Cizek, J. Kuriplach, I. Prochazka, W. Anwand, **G. Brauer**
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377. M. Werner, E. Altstadt, M. Jungmann, **G. Brauer**, K. Noack, A. Rogov, R. Krause-Rehberg
Thermal analysis of EPOS components
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378. M. Schmidt, M. Ellguth, H. von Wenckstern, R. Pickenhain, M. Grundmann, **G. Brauer**,
W. Skorupa
Defects in oxygen and zinc ion-implanted ZnO thin films
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Activities towards p-type doping of ZnO
Seminar an der University of Hong Kong (Physics Department), Hong Kong, 26.11.2008
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Invited talk, 15th International Conference on Positron Annihilation (ICPA-15), Kolkata, 18.-23.01.2009
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386. M. Schmidt, M. Ellguth, F. Schmidt, T. Lüder, R. Pickenhain, M. Grundmann, **G. Brauer**, W. Skorupa
Deep levels in nitrogen implanted ZnO
Frühjahrstagung der Deutschen Physikalischen Gesellschaft (DPG), Dresden, 22.-27.03.2009
387. I. Beinik, C. Teichert, **G. Brauer**, W. Anwand, X. Chen, Y.F. Hsu, A.B. Djurisc
Characterization of single ZnO nanorods by conductive atomic force microscopy
International Symposium Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials (PFM-2009), Aveiro, 23.-27.06.2009
388. R. Krause-Rehberg, M. Butterling, M. Jungmann, A. Krille, W. Anwand, **G. Brauer**, A. Rogov, K. Noack, T. Cowan, A. Wagner
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389. M. Schmidt, M. Ellguth, T. Lüder, H. von Wenckstern, R. Pickenhain, M. Grundmann, **G. Brauer**, W. Skorupa, M. Helm
Investigation of defects in nitrogen implanted n-type ZnO by capacitance spectroscopy and simultaneous optical excitation
25th International Conference on Defects in Semiconductors (ICDS-25), St. Petersburg, 20.-24.07.2009
390. **G. Brauer**
Characterisation of ZnO single crystals – a challenge to positron annihilation spectroscopy
Seminar am Institut für Kristallzüchtung, Berlin, 17.08.2009
391. I. Beinik, M. Kratzer, L. Wang, **G. Brauer**, W. Anwand, C. Teichert
Characterization of single ZnO nanorods by conductive atomic force microscopy
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392. **G. Brauer**
Characterisation of ZnO single crystals – a challenge to positron annihilation spectroscopy
Seminar am Lehrstuhl für Tieftemperaturphysik, Karls-Universität Prag, Prag, 02.11.2009
393. O. Melikhova, J. Kuriplach, J. Cizek, I. Prochazka, **G. Brauer**, W. Anwand
Investigation of hydrogen interaction with defects in zirconia
Advanced Science Research Symposium “Positron, muon, and other exotic particle beams for materials science and atomic/molecular sciences” (ASR2009), Tokai/Japan, 10.-12.11.2009
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397. M. Schmidt, M. Ellguth, K. Brachwitz, M. Brandt, H. von Wenckstern, R. Pickenhain, M. Grundmann, **G. Brauer**, W. Skorupa
Deep levels in Ni doped ZnO
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IEEE International NanoElectronics Conference (INEC 2010), Hong Kong, 03.-08.01.2010
399. R. Krause-Rehberg, M. Jungmann, B. Werlich, A. Pohl, W. Anwand, **G. Brauer**, M. Butterling, A. Krille, A. Wagner, K. Kosev, T. Cowan
A simple design for a continuous magnetically guided positron beam – and – news from the EPOS project
Invited talk, International Workshop on Advanced Positron Beam Technology for Material Science, Algiers, 15.-18.03.2010
400. W. Anwand, A. Wagner, **G. Brauer**, T.E. Cowan, A. Kanjilal, L. Rebohle, Ch. Cherkouk, W. Skorupa
Defect characterization in Er implanted, Ge-rich SiO₂ layers using slow positron implantation spectroscopy
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39th Polish Seminar on Positron Annihilation, Kazimierz Dolny, 20.-25.06.2010
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Recent status of the GiPS facility at ELBE and first measurements
39th Polish Seminar on Positron Annihilation, Kazimierz Dolny, 20.-25.06.2010
403. J. Kuriplach, O. Melikhova, J. Cizek, I. Prochazka, **G. Brauer**, W. Anwand
Complex defect structures of oxides studied by positrons
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404. J. Kuriplach, J. Cizek, O. Melikhova, I. Prochazka, J. Cizek, **G. Brauer**, W. Anwand, W. Egger, P. Sperr
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405. O. Melikhova, J. Cizek, J. Kuriplach, I. Prochazka, W. Anwand, **G. Brauer**, D. Grambole
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406. O. Melikhova, J. Cizek, F. Lukac, I. Prochazka, W. Anwand, **G. Brauer**
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407. I. Prochazka, J. Cizek, W. Anwand, **G. Brauer**, D. Grambole, H. Schmidt
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410. M. Schmidt, R. Karsthof, F. Schmidt, H. von Wenckstern, M. Ellguth, R. Pickenhain, M. Grundmann, **G. Brauer**
On the T2 deep level in zinc oxide thin films
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411. C. Teichert, I. Beinik, M. Kratzer, **G. Brauer**, X.Y. Chen, Y.F. Hsu, A.B. Djuric
Electrical transport in single ZnO nanorods studied by photo-conductive AFM
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