

# CERN Archives

## Finding Aid - Files of Werner Beusch (CERN-ARCH-BEUSCH-W)

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CERN Archives

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# Files of Werner Beusch

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## Summary information

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<b>Repository:</b>	CERN Archives
<b>Title:</b>	Files of Werner Beusch
<b>Reference code:</b>	CERN-ARCH-BEUSCH-W
<b>Physical description:</b>	12 boxes
<b>Language:</b>	English
<b>Language:</b>	French
<b>Language:</b>	German
<b>Language:</b>	Greek

## Custodial history

Personal residence of Werner Beusch

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## Scope and content

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The Files of Werner Beusch contains a wide variety of documents related to his tenure at CERN, from 1960 to 1995.

What#mainly constitutes#the collection is the handwritten that we found in his possession. These includes correspondence between him and people and universities as well as his reference material on mathematics and charts.

A part in Werner#Beusch#collection are the diapositives which are important. The diapositives shows CERN, from an aerial point of view, some of the laboratory and charts.

The correspondence of letters found, although relatively small in volume, contains important exchanges Werner Beusch had with professors such as Jean-Pierre Blaser and some universities.

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## Notes

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### Immediate source of acquisition

The collection was donated to the CERN Archives by Christophe Beusch in September 2025

### Arrangement

The collection has been arranged in 11 series by the archivist: (By Chronological order)

1. Non-CERN Publications 1939 - 2001 [undated]
2. CERN Publications 1947 - 2004
3. Beusch's Publications 1958-1998
4. Correspondence 1960-1992

5. OMEGA Films materials [circa 1960s-1990s]
6. Handwritten Notes 1961-1995 [undated]
7. CERN Administrative Documents 1968-1994
8. Slides 1968-1971 [undated]
9. Experiments, books and booklets 1977-1997
10. Conferences, Seminars and Presentations 1986-1994 [undated]
11. Reference Materials 1996-2006 [undated]

## Note [General]

Description prepared by Mahera Ahmad

## Other notes

- **Publication status:** Published

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## Series descriptions

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Reference code	Title	Dates	Physical description
	<b>Part Biographical note on Werner Beusch: Biographical note on Werner Beusch</b>		
	<u>Creator:</u> Beusch, Werner		
	<u>Scope and content:</u> Werner Beusch (1930-2024) was a Swiss physicist who worked on the OMEGA project at CERN from the end of the 1960s until 1995 up to his retirement and just before OMEGA was closed. The project was a group of physicist and engineer called the “Omega Project Working Group”. He was one of Paul Scherrer student at ETH Zürich, he obtained his PhD in 1960 to a thesis on “Two photon transitions in barium-137”. He died in 2024.		
	<u>Physical description:</u> -		
	<u>Immediate source of acquisition:</u> The collection was donated to the CERN Archives by Christophe Beusch in September 2025		
	<u>Publication status:</u>		
	Published		
	<b>Part -: Historical note on the CERN OMEGA Spectrometer project</b>		
	<u>Creator:</u> Beusch, Werner		
	<u>Scope and content:</u> The OMEGA Spectrometer was a cornerstone of particle physics research at CERN for 25 years. Its name is an acronym for “Optimal Magnetic Electronic General Apparatus”.#The project was first proposed in 1968 by a group of physicists and engineers known as the “Omega Project Working Group”. Their vision was to evolve the concepts of the "Wilson Chamber" also known as "Cloud Chamber” into a high-tech electronic detection system.		
	They began operation in 1972 under the guidance of the original 1968 group. OMEGA was design as a versatile “electronic bubble chamber”.#The facility#utilized#a massive superconducting magnet and spark chambers to track and#analysed#the movement of particles.		

While OMEGA was a collective achievement of the CERN community rather than the work of a single inventor, Werner Beusch stands out as a central figure. A true pioneer, Beusch was instrumental in the project's development and is specifically credited with designing the "trigger" system. The essential electronic component that signalled the spectrometer to record specific particle events.

After 25 years of groundbreaking service, the OMEGA Spectrometer was decommissioned in 1996. Its shutdown was a strategic move to make space for a new project and construction. Known as today, the Large Hadron Collider (LHC), the world's most powerful particle accelerator. Despite the closure of OMEGA, it was an accomplishment for CERN.

Physical description: -

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

### **Part -: Wilson Chamber / Cloud chamber**

Scope and content: The cloud chamber, also known as the Wilson chamber, was invented in 1911 by a Scottish physicist Charles Thomson Rees Wilson. It serves as a particle detector for ionizing radiation by utilizing a sealed environment containing a supersaturated vapor of water alcohol. When a charged particle enters the chamber, it interacts with the gas molecule, knocking off electrons via electrostatic forces. This process leaves a trail of ionized gas particles that act as condensation nuclei, forming visible liquid droplets that reveal the particle's trajectory.

The spark chamber is another type of detector that visualizes the paths of subatomic particles, but it operates using high-voltage electricity rather than vapor. It consists of stack of metal plates immersed in an inert gas, such as neon. When a charged particle, such as cosmic ray, passes through the plates, it leaves a trail of ions that triggers a series of bright, visible along its path.

While both instruments make invisible particles visible to the naked eye mechanisms differ: the cloud chamber relies on the condensation of supersaturated vapor, whereas the spark chamber uses an intense electric field to create luminous discharges. Eventually, these visual methods were replaced by electronic detectors, such as the multi-wire proportional chamber used in the OMEGA spectrometer, which allowed for faster data collection and more precise digital analysis.

Physical description: -

Publication status:

Published

### **Part -: CERN, ETH Zürich and London Imperial Collaboration**

Scope and content: CERN, ETH Zürich and Imperial College London are among the world's leading scientific institutions, and their collaboration played a key role in advancing particle physics. In the 60s and 70s, these institutions joined and contributed on designing and construction of the Omega spectrometer, one of the most revolutionary tools of its time. This partnership did not end with the construction of the spectrometer, it continued with major research effort, with CERN and ETH Zürich forming one of most the significant collaborations of that time. This collaboration is important for CERN success.

Physical description: -

Publication status:

Published

CERN-ARCH-  
BEUSCH-W

**File - Files of Werner BEUSCH**

1947-01-01 -  
2004-12-31

Paper

*Creator:*

Beusch, Werner

*Scope and content:*

The Files of Werner Beusch contains a wide variety of documents related to his tenure at CERN, from 1960 to 1995.

What mainly constitutes the collection is the handwritten that we found in his possession. These includes correspondence between him and people and universities as well as his reference material on mathematics and graphics.

A part in Werner Beusch#collection are the diapositives which are important. The diapositives shows CERN, from an aerial point of view, some of the laboratory and charts.

The correspondence of letters found, although relatively small in volume, contains important exchanges Werner Beusch had with professors and universities.

### **Series CERN-ARCH-BEUSCH-W-01: Non-CERN Publications**

Creator: Beusch, Werner

Date: 1939-01-01 - 2001-12-31 (creation)

Scope and content: "This series contains "Non-CERN Publications" which includes Publications and Theses received by Werner Beusch from scientist who were not affiliated to CERN.

In some of the Publications and theses the author wrote a little thank you message in English or German to Werner Beusch.

For the Publications that were owned by Werner Beusch were found some lectures, a publication of the Jahresbericht from SIN, Symposium(the talk in Crete about the Strangeness and Quark that Werner Beusch went in 1994, a Printed physical review letters (volume 56, 48, 144, 63) "

Physical description: Paper

Language of the material:

- English
- French
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Arrangement: The "Non-CERN Publications" has been arranged in chronological order.

Restrictions on access: The collection does not contain any material classified as restricted or confidential. The papers of Werner Beusch are open for research.

Publication status:

Published

File / item list			
Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-01-01	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Creator:</i> Beusch, Werner <i>Scope and content:</i> This folder contains a copy of "Anleitungen zum Physikalischen praktikum an der E.T.H von Prof.dr.G.Busch und Prof. Dr.P.Scherrer 2. Auflage" inside there is a. document "Spektroskopie" and a copy of "Eintrittsreonanzen schneller Neutronen an N14 un S32"		Paper
CERN-ARCH-BEUSCH-W-01-02	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Creator:</i> Beusch, Werner <i>Scope and content:</i> This folder contains a copy of "Vorlesung von Prof. Dr. P. Scherrer uber Physik I."		Paper
CERN-ARCH-BEUSCH-W-01-03	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of "Vorlesung von Prof.Dr. W. Pauli uber elektrodynamik ausgearbaitet von A. Thellung" and "Vorlesung von Prof. Dr. P. Scherrer uber Physik II. Ausgearbeitet von Dr. W. Bantle".		Paper
CERN-ARCH-BEUSCH-W-01-04	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of "Vorlesung von Prof.Dr. W. Pauli uber Statistische Mechanik ausgearbeitet von R. Schafroth" and "Vorlesung von Prof.Dr. W. Pauli uber Thermodynamik und kinetische Gastheorie"		Paper
CERN-ARCH-BEUSCH-W-01-05	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains copies of "Notes on statistics for physicist", "Streuung und Polarisations-effekte von 3,27 MeV-Neutronen an Deuteronen", "Spark Chamber Symposium (Argonne national laboratory)", "Nanosecond counter circuit manual ( inside the document there is a paper typo on a paper submitted by werner beusch written by I.Pizer), "N'-y-Korrelation fur 24Mg(n, n'y) bei 3,25 MeV, "Application of Nuclear Coherence Properties to Elementary-Particle Reactions" and "Uber das k01k01-Massenspektrum"		Paper
CERN-ARCH-BEUSCH-W-01-06	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of "Diplomarbeit von Klaus Freudenreich" with a Prüfungszeugnis and Diplom inside and "Etude experimentale des desintegration charges du mesonpi".		Paper

CERN-ARCH-BEUSCH-W-01-07	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of a publication “Polarization experiments at high energy”, a dissertation “Mesure du parametre de polarisation dans la reaction $k^- \rightarrow K^0 - a$ 8 gev/c” and a diplomarbeit “Messung der driftzeit von Elektronen in gasen als Mittel zur genauen ortsbestimmung von teilchenbahnen”.	Paper
CERN-ARCH-BEUSCH-W-01-08	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of “A study of the coherent production reaction $\pi^+ A \rightarrow \pi^+ \pi^0 A$ ” and a thesis “Recherche du charme dans les interactions $\pi^- p$ a 19 GEV” .	Paper
CERN-ARCH-BEUSCH-W-01-09	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of “SIN Jahresbericht 1977” and “The Prediction of Antimatter”.	Paper
CERN-ARCH-BEUSCH-W-01-10	<b>File - Non-CERN Publications 1947 - 2001[undated]</b>  <i>Scope and content:</i> This folder contains a copy of a dissertation “Ein Experiment mit dem OMEGA-SPEKTROMETER am CERN-PS und bestimmung von spin und paritaet des D(1285)-Mesons im neutralen (kk- $\pi$ )-system”, the physical review letters 1982 “Evidence for new 0- S Resonances in the $\pi^+ \pi^+ \pi^-$ systems”, “Search for axion” invited to the international Symposium, the physical review letters 1986 “Physical Review Letters: Reanalysis of the Eotvos Experiment”, “Limits on cold fusion in condensed matter: a Parametric study”, “Second order interferometry in optics and particle physics” and “pathological science”	Paper
CERN-ARCH-BEUSCH-W-01-11	<b>File - Non-CERN Publications 1947-2001 [undated]</b>  <i>Scope and content:</i> This folder contains a copy of a dissertation “Einsatz eines Ringabblenden Cherenkovzählers zur Suche nach dem exotischen Zustand U(3100)”, “The development of a pixel detector for high luminosity experiments”, “Die Suche nach dem Zerfall $U^+(3100) \rightarrow \Lambda^+ \pi^+$ in der Hyperonenstrahlexperiment WA89” and “Chemical Equilibrium in High-Energy Heavy Ion Collisions”.	Paper
CERN-ARCH-BEUSCH-W-01-12	<b>File - Non-CERN Publications 1947-2001 [undated]</b>  <i>Scope and content:</i> This folder contains a copy of “A no-nonsense Introduction to General relativity”, physical review volume 63 “Experimental test of nonlocal quantum correlation in relativistic configurations”, “Chapter VII Indeterminismes and Nonlocality”, “Recoilles nuclear resonance absorption and its applications” and “Die Koharente produktion von zwei pionen an kernen $\pi^+(n) \rightarrow (n) + \pi^- \pi^+ \pi^+$ ”.	Paper
CERN-ARCH-BEUSCH-W-01-13	<b>File - DISS. ETH [1 of 2]</b>  <i>Scope and content:</i>	Paper

	This folder contains copies of “referat zur dissertation” (Manfred Daum, Andre Gsponer, N. Papadopoulos, Werner Wetzel, Rudolf Rislér, Hanspeter Seiler, Kurt Gabathuler Ueber, Luciano Molinari, Rolf Bodmer, R. Schild, Walter Ruegg, Christoph J. Perret-Gentil, Traugott Zimmerli) Copies of “referat zur Promotionsarbeit” (Hans Rudolf, Dierk Herlach, Ralph Strebel, Marcel Schleicher, Urs Peyér, Hans-Peter Wollenmann, Erika Ledergerber-Ruoff, B. Gächter)	
CERN-ARCH-BEUSCH-W-01-14	<b>File - DISS. ETH [2 of 2]</b>	Paper
	<i>Scope and content:</i> This folder contains copies of “referat zur dissertation” and copies of “referat zur Promotionsarbeit”.	

### Series CERN-ARCH-BEUSCH-W-02: CERN Publications

Creator: Beusch, Werner

Date: 1947-01-01 - 2004-12-31 (creation)

Scope and content: This series contains CERN Publications and Thesis owned by Werner Beusch such as “CERN Courier” (Cern Courier 8 vol. 2 august 1962)|“Physics reports” “North-Holland”.

The “CERN Publications” includes Publications and Theses that were received by Beusch from fellow scientist at CERN.

Physical description: Paper

Language of the material:

- English
- French
- Greek

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

#### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-02-01	<b>File - CERN Publications 1947-2004</b>		Paper
	<i>Scope and content:</i> This folder contains a copy of “Introduction to field theory and dispersion relations R. Hagedorn” and “Group theory and spectroscopy”.		
CERN-ARCH-BEUSCH-W-02-02	<b>File - CERN Publications 1947-2004</b>		Paper
	<i>Scope and content:</i> This folder contains a copy of “Selected topics on scattering theory” and the CERN Courier of 1962, Beusch owned only the number 8 vol.2 of 1962.		

CERN-ARCH-BEUSCH-W-02-03	<b>File - CERN Publications 1947-2004</b>  <i>Scope and content:</i> This folder contains a copy of "Selected topics on scattering theory", "Multiple diffraction theory of high-energy collisions", "Coherent and incoherent production in nuclei and unstable particle cross-sections" and "Selection rules for diffraction dissociation".	Paper
CERN-ARCH-BEUSCH-W-02-04	<b>File - CERN Publications 1947-2004</b>  <i>Scope and content:</i> This folder contains a copy of "A butanol polarized proton target", "Laplace transform", "Modern physics from an elementary point of view", "The charge exchange reaction $np \rightarrow pn$ and $pp \rightarrow nn$ " and "Very elementary theory of weak interactions".	Paper
CERN-ARCH-BEUSCH-W-02-05	<b>File - CERN Publications 1947-2004</b>  <i>Scope and content:</i> This folder contains a copy of "Polarized Particles for accelerator physicists", "The formation of cooper pairs and the nature of superconducting currents", "Fluctuations in calorimetry measurements", "Manpower planning study group for electronic design", "Cold quark-gluon as source of very soft photons in high energy collisions", Leon Van Hove Tribute and "Particle identification with the rich detector in experiment WA89 at CERN".	Paper
CERN-ARCH-BEUSCH-W-02-06	<b>File - CERN Publications 1947-2004</b>  <i>Scope and content:</i> This folder contains a copy "Study of soft photon production in pi-p interactions at 280 GeV/c using the omega spectrometer at CERN" original title in greek, "More results on soft photon production from the e +e- pairs in pi-p interactions at 280 GeV/c" and "Reflections on the Higgs system"	Paper
CERN-ARCH-BEUSCH-W-02-07	<b>File - CERN Publications 1947-2004</b>  <i>Scope and content:</i> This folder contains a copy of "1998-1999 academic training programme", "A study of the centrally produced $\pi^0\pi^0\pi^0$ channel in pp interactions at 450 GeV/c", "Introduction to general relativity and black holes" and "physics with hadron and photon beams at the SPS".	Paper
CERN-ARCH-BEUSCH-W-02-08	<b>File - M.FIELD 1993 See you 10/5/96</b> <b>Werner B. [CERN Publications]</b>  <i>Scope and content:</i> This folder contains a copy of a publication "Evaluating a magnetic field component from boundary observations only (H. Wind)" and copies of the graphics number of OMEGA.	Paper
<b>Series CERN-ARCH-BEUSCH-W-03: Beusch's Publications</b>  <u>Creator:</u> Beusch, Werner		

Scope and content: This series contains publication written or co-written by Beusch during his career at CERN, ETHZ and Physics Letters B: like “Über Zweiquanten-Übergänge an Ba137” is a doctoral thesis he did at ETHZ in 1960.

Physical description: Paper

Language of the material:

- English
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Arrangement: The “Beusch's Publications” has been arranged in chronological order.

Restrictions on access: The collection does not contain any material classified as restricted or confidential. The papers of Werner Beusch are open for research.

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-03-01	<b>File - Beusch's Publications 1958-1998</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains a copy of “Fruhjahrstagung der Scheizerischen Physikalischen Gesellschaft vom 3. bis 4. Mai 1958 in Romont”, copies of “ber Zweiquantent-Ubergange an BA137”, “The electronic logic system used with the magnetic spark chamber” and “S*(1060) --&gt; k01 k01 and higher mass k01 k01 resonances”</p>		
CERN-ARCH-BEUSCH-W-03-02	<b>File - Beusch's Publications 1958-1998</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains a copy of “Meeting on future technical developments 22nd June, 1971”, “Aktuelles bauen p. 47”, “Differential cross section for coherent production of three-pion systems on nuclei at 15.1 GeV/c”, “Coherent production on nuclei by pi and K mesons (experiment)” and “Energy dependence of coherent production of three on nuclei between 9 and 15 GeV and comparison with diffractive three-pion production on hydrogen”</p>		
CERN-ARCH-BEUSCH-W-03-03	<b>File - Beusch's Publications 1958-1998</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains a copy of “A study of the final states K-0n, Api0 and k-0#0 in k-p interactions at 5 and 8 GeV/c”, “A study of the final states K-0n, Api0 and k-0#0 in k-p interactions at 5 and 8 GeV/c”, “Search for resonance structures in the (k-0pi+pi-)-system produced via. charge exchange in the reaction k-p --&gt;k-opi+pi-n at 10 GeV/c”, “OMEGA PRIME”, “Manpower planning study group for electronics maintenance repair and workshops”, “LEP AND ZO News”, “The RICH counter in the CERN hyperon beam experiment” and “design and performance of the omega-ion hybrid silicon pixel detector”.</p>		

CERN-ARCH-BEUSCH-W-03-04	<p><b>File - Beusch's Publications 1958-1998</b> <span style="float: right;">Paper</span></p> <p><i>Scope and content:</i></p> <p>This folder contains a copy of “The Rich Counter in the CERN hyperon beam experiment”, “Results on charm physics from WA82”, “WA92: A fixed target experiment to study beauty in hadronic interactions”, “Observation of direct soft photon production in pi-p interactions at 280 GeV/c”, “Physics letter B: “Study of charm correlation in pi- -N interactions at s =26 GeV”, “WA92: A fixed target experiment to trigger on and identify beauty particle decays” and “Measurement of anomalous soft photon production in pi-p interactions at 280 GeV.”</p>
CERN-ARCH-BEUSCH-W-03-05	<p><b>File - EXPERIMENT 1958-1975 [Beusch's Publications] [1 of 3]</b> <span style="float: right;">Paper</span></p> <p><i>Scope and content:</i></p> <p>In this folder contains Werner Beusch publications: a copy of “Evidence That Absorption of the pi+ pi- pi- System in Nuclear Matter Is Stronger in the J(p) = 0- Than in the J(p) = 1+ State”, “Measurement of the polarization. in k-p--&gt;k-0n charge exchange at 8 GeV/c”, “Evidence for resonance behaviour of A1 and A3 mesons coherently produced on nuclei”, “A study of the final states K-0n, Api0 and k-0#0 in k-p interactions at 5 and 8 GeV/c”, “A study of pi pi --&gt; kk- using an experiment on pi- p--&gt;k0s k0sn at 8.9 GeV/c”, “A new upper limit for the decay rate #(f# # ##)”, a handwritten paper, a tables of moments, “A study of pi pi --&gt; kk- using an experiment on pi- p--&gt;k0s k0sn at 8.9 GeV/c”, “Polarization measurement of the pp- --&gt; nn- charge exchange at 8 GeV/c”, “Partial wave analysis of the 3pi states coherently produced on nuclei”, “Koharente produktion von k*(890) an atomkernen-untersuchung der produktion k+ y --&gt; k*(890)”, “Coherent production of K+pi+pi- on nuclei and determination of. the k+pi+pi- -nucleon cross-section” “Measurement of the differential cross section and the spin-correlation parameters P,A and R in the backward peak. of pi-p--&gt;k0A at 5 GeV/c”, “Measurement of the polarization in the forward peak of pi-p--&gt;k0A at GeV/c”, “Measurement of the polarization. in k-p--&gt;k-0n charge exchange at 8 GeV/c”, “Evidence That Absorption of the pi+ pi- pi- System in Nuclear Matter Is Stronger in the J(p) = 0- Than in the J(p) = 1+ State”, “Energy dependence of coherent production of three on nuclei between 9 and 15 GeV and comparison with diffractive three-pion production on hydrogen”, “Coherent production on nuclei by pi and K mesons (experiment)” and “Coherent production of K+pi+pi- on nuclei and determination of. the k+pi+pi- -nucleon cross-section”.</p>
CERN-ARCH-BEUSCH-W-03-06	<p><b>File - EXPERIMENT 1958-1975 [Beusch's Publications] [2 of 3]</b> <span style="float: right;">Paper</span></p> <p><i>Scope and content:</i></p> <p>This folder contains Werner Beusch's publications “Energy dependence of coherent production of three on nuclei between 9 and 15 GeV and comparison with diffractive three-pion production on hydrogen”, “Coherent production of k*+ (890) on nuclei and determination of an upper limit for the radiative decay withd #. (K*+ --&gt; K+y)”. " Coherent production of pions on nuclei determination of unstable boson-nucleon total cross sections", “production of particles and resnances on nuclei”, “The charge exchange pp- --&gt; nn- at 5.0 and 7.76 GeV/c near the forward direction”, “S, S, KK- threshold. All noon-stramge mesons of mass around 1000 MeV”, “Coherent production of pions on nuclei determination of unstable boson-nucleon total cross sections”, “Differential cross section for coherent prodction of three-pion systems on nuclei at 15.1 GeV/C” and “Analysis of the k01 k01 system produced in pi- +p --&gt; k0 k-0n at 4 and 6.2 GeV/c”</p>
CERN-ARCH-BEUSCH-W-03-07	<p><b>File - EXPERIMENT 1958-1975 [Beusch's Publications] [3 of 3]</b> <span style="float: right;">Paper</span></p> <p><i>Scope and content:</i></p> <p>This folder contains a mix of publication written by Werner Beusch and some publications not written by him: “Charge conjugation in n--&gt; pi+pi-y”, “The p' trajectory and its contribution to nn and piN</p>

	<p>exchange scattering, On the AA- Systeme from Reaction <math>\pi\text{-p} \rightarrow \text{AA}\pi</math>”, “Dalitz plot analysis for the decay <math>\pi\text{-} \rightarrow \pi\text{+}\pi\text{-y}</math>”, “X0 Production in <math>\pi\text{-p}</math> interactions”, “Dalitz plot for the X0 decaying into <math>\text{n}\pi\text{+}\pi\text{-}</math>”, “Observation of resonance in the k01k01 system”, “Test of C invariance in the three pion decay of the <math>\pi</math> meson”, “Information handling systemes for nuclear measurements”, “Zweiquanten-Ubergange in isomeren kernen”, “Arkiv for fysik”</p> <p>Some written or co-written by Beusch : “A study of the reaction <math>\pi\text{+p} \rightarrow \text{A+}\pi\text{-N}</math> at 7 and 12 GeV/c”, “Double regge analysis of high-energy experiments producing three final particles”, “Observation of resonance in the k01k01 system”, “K-p charge exchange at 5,7 and 12 GeV/c”, “Further results on the charge exchange <math>\text{pp- nn- AT 5, 6, 7 and 9 GeV/c}</math>”, Performance of a large magnet spark chamber”, “K-p charge exchange at 5, 7 and 12 GeV/c ”, “The charge exchange <math>\text{pp-} \rightarrow \text{nn- AT 5, 6, 7 and 9 GeV/c}</math>”, “Experimente mit einer grossen magnetischen Funkenkammer und ladungsautausch von K-Mesonen an Protonen bei 10 GeV”, “K02 <math>\rightarrow \text{PI-PI+0}</math> decay: branching ratio and <math>\text{n0}</math> energy spectrum”, “The charge exchange <math>\text{k- +p} \rightarrow \text{K0 + n AT 9.50 GeV/c}</math>”, “Branching ratio of K02 decays”, “A measurement of the mean life of the K02”, “Branching ratios of k02 decays”, “Uber Zweiquanten-Ubergange an Ba”.</p>
CERN-ARCH-BEUSCH-W-03-08	<p><b>File - W.B</b> <span style="float: right;">Paper</span></p> <p><i>Scope and content:</i></p> <p>This folder contains copies of publications that Werner Beusch participated in : “A partial wave analysis of the <math>(\text{k-}\pi\text{+}\pi\text{-})</math> system produced in <math>\text{k-p} \rightarrow \text{k-0}\pi\text{+}\pi\text{-}</math> at 10 GeV/c (Physics letters, W.Beusch and other, 1978) ”, “Enhancement of central #, # and # yields in Pb-Pb collisions at 158 A GeV/c (CERN, W.Beusch and others, 1998)”, “The Omega RICH (Reprint Elsevier Science publishers, W.Beusch and others, 1994)”, “A hybrid silicon pixel telescope tested ina heavy-ion experiment (Elsevier Science publishers, W.Beusch and others, 1993)”, “First operation of 72 k element hybrid silicon micropattern pixel detector array (Elsevier, W.Beusch, 1994) ”, “A highly integrated trigger and readout system for a silicon mu strip detector installed at the Omega spectrometer at CERN (CERN, INFN, smart silicon system, undated)”, “Transverse momentum distributions for meson resonances at central rapidity and <math>\text{P(t)} \geq 2\text{-GeV/c}</math>. (1993, CERN, W. Beusch and other instution)”, “Short range correlations in hadron pair production at <math>\text{p(t)} \geq 2\text{-GeV/c}</math> (1992, W.Beusch and others, Springer-Verlag)”, “A microstrip vertex detector for studying charm hadroproduction (1991, Elsevier, W.beusch and other) ”, “Comparison of photon and hadron induced production of #0 mesons in the energy range of 65 to 175 GeV. (1991, CERN and other instutuion)”, “Study of the A-dependence of Inclusive, and Production in Nucleus Interactions at 30- {GeV}/. Full title:<a href="https://www.hepdata.net/record/ins200776">https://www.hepdata.net/record/ins200776</a> (1984, CERN and collaboration, W.Beusch and other)”, “Proton-antiproton pair production in <math>\pi\text{+}</math>- hydrogen and nucleus interaction at 30 GeV/c and the formation zone of hadron”, “INCLUSIVE PROTON AND ANTI-PROTON PRODUCTION IN <math>\pi\text{+}</math>- HYDROGENAND NUCLEUS INTERACTIONS AT 30-GeV/c and the formation zone of hadron. (1986, CERN, W.Beusch and others)”, “A fast on-line trigger events with multiple high transverse momentum tracks”, “The omega and SFMD experience in intense beams”, “Search for new <math>\text{ss-}</math> states the <math>\text{k-}</math> induced <math>\text{k+k-}</math> system”, “using mbnm electronics for the trigger in a high-energy physics experiment”, “A partial wave analysis the <math>(\text{k-0}\pi\text{+}\pi\text{-})</math> system produced in <math>\text{k-p}\#\text{K-0}\pi\text{+}\pi\text{-}</math> at 10 GeV/c”, “Etude d’un detecteur de vertex pour le sps”, “On-chamber of mwpc electronics considered for the OMEGA prime project” and a handwritten document “Effective spark position measurement errors in #”.</p>

### Series CERN-ARCH-BEUSCH-W-04: Correspondence

Creator: Beusch, Werner

Date: 1960-01-01 - 1992-12-31 (creation)

Scope and content: "This series contains correspondence between Beusch and various universities, research institutes and colleagues. It also includes letters with professors like Jean-Pierre Blaser.

The correspondence between Werner Beusch and Jean-Pierre Blaser was about the renewal of the Venia Legendi (the Venia Legendi is a license to give lectures at universities like for ETHZ as Werner Beusch

used for) letters of recommendation for students (Restricted) as well as employing some at CERN for a semester and about his project the OMEGA. "

Physical description: Paper

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-04-01	<b>File - Korrespondenz mit Prof. Blaser</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains correspondence with prof. Blaser it includes a memoranda, a letter about the renewal of the venia legendi, his contract for the wintersemester 1972/1973 in ETHZ, a application of admission for Herrn K. Freudenreich for his doctorate, It also contains documents relating to the CERN-ETH Zürich Group.</p> <p>The administrative records are documents relating to the indemnité de sortie of Werner Beusch and his employment contract.</p> <p>A substantial portion of the folder consists of correspondence between Werner Beusch and J. P. Blaser. Their exchanges concern academic and professional matters, including degree requirements for physicists, references, employment opportunities, and internships. Werner Beusch frequently appears as a recipient of copied correspondence in order to remain informed of ongoing discussions.</p> <p>The correspondence also includes proposals for student semester.</p> <p>Also included is a message from Werner Beusch regarding reimbursement of train expenses incurred while attending the International Conference in Heidelberg. Other materials include a handwritten note entitled "Provision Budget für 1968" relating to the OMEGA experiment, a program for the CERN-ETH Group for 1967, and correspondence concerning funding requests and financial support for the CERN-ETH Group.</p>		
CERN-ARCH-BEUSCH-W-04-02	<b>File - Biographical note of Jean-Pierre Blaser</b>		-
	<p><i>Scope and content:</i></p> <p>Jean-Pierre Blaser (1923-2019) was a Swiss physicist who founded the Swiss Institute for Nuclear Research (SIN) in 1968 and then became a director from 1969 to 1987. However, the Swiss Institute for Nuclear Research (SIN) and Eidgenössisches Institut für Reaktorforschung (EIR) merged to create the Paul Scherrer Institute in 1988, he then became the first director of the Paul Scherrer Institute (PSI). He also worked at the Eidgenössischen Technische Hochschule Zurich (ETHZ) as a professor of Experimental Physics from 1959 to 1990. He died in 2019.</p>		
CERN-ARCH-BEUSCH-W-04-03	<b>File - [Correspondence] 1960 and 1965</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains a letter from Dr Alfred Stebler a physician from Landis &amp; Gyr AG in this letter it thanks Werner that he received his dissertation from his father in 1960 and that he also sent his dissertation to Werner (Albert Stebler dissertation is nowhere to be found). Another correspondence is</p>		

Werner Beusch responding to a letter from Professor H. Pallmann the president of ETH Zurich which Werner answered his questions about a new project called "isochronous cyclotron".

### Series CERN-ARCH-BEUSCH-W-05: OMEGA Films materials

Creator: Beusch, Werner

Date: circa 1960s-1990s (creation)

Scope and content: "This series contains photographic, films and print-out related to the OMEGA Spectrometer. This collection contains 47 photographs in black and white with a format of 38 photos measuring 10.5 x 8.5 cm and two photos measuring 14.5 x 10.5 cm. The camera used was a polaroid as written on the back. It also contains 15 developed films in black and white with various of format. The photographs show a graphic of a dotted line and some photos probably shows his office and the machine for experiments used for particle-detectors. It shows a particle tracks.# "

Physical description: Photographs, Paper and Films

47 Photographs in black and white format of 10.5 x 8.5 and two photos measuring 14.5 x 10.5 cm.

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

#### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-05-01	File -		Films materials
CERN-ARCH-BEUSCH-W-05-02	File -		Films materials

### Series CERN-ARCH-BEUSCH-W-06: Handwritten Notes

Creator: Beusch, Werner

Date: 1961-1995 [undated] (creation)

Scope and content: This series contains mostly handwritten notes taken by Beusch, throughout his scientific career. The notes consist of mathematical calculations, experimental data analysis, diagrams, graphical and some correspondence.

Physical description: Paper

Language of the material:

- English
- French
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

<u>Publication status:</u>			
Published			
File / item list			
Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-06-001	<b>File - ETH BORIES [1 of 4]</b>	1975-1977 [undated]	Paper
	<i>Scope and content:</i> Title ETH DORIES [the name taken from the side of the binder] mostly reference materials of his notes. All of his notes are written in german. (1975-1977 and undated). Transparent papers and 2-3 publications. This folder (1) contains a publication "New Trends in particle physics" by Victor Weisskopf, some handwritten and transparent paper to project, a publication "Narrow barynum states in qcd" by h.g dosch and m g schmidt, a publication "analysis of the Ap enhancement at 2.129 GeV in the reaction k-d#pi-Ap" by h g Dosch and V Hepp, "Measurement of the total and partial pp- cross section between 1901 and 1950 MeV", A copy of the "physical review letters" from 4 February 1974.		
CERN-ARCH-BEUSCH-W-06-002	<b>File - ETH BORIES [2 of 4]</b>		Paper
	<i>Scope and content:</i> This folder (2) contains handwritten documents by Werner Beusch written in german in 1975, about all the topics that he saw last time "Das letztes Mal gesehen". It's a summary of the topics that he saw last time. It also contains transparent papers with graphics.		
CERN-ARCH-BEUSCH-W-06-003	<b>File - ETH BORIES [3 of 4]</b>		Paper
	<i>Scope and content:</i> This folder (3) contains handwritten documents about "Teilchendetektoren" it includes transparent paper. "Neuere Teilchendetektoren" note taken in 1970.		
CERN-ARCH-BEUSCH-W-06-004	<b>File - ETH BORIES [4 of 4]</b>		Paper
	<i>Scope and content:</i> This folder (4) contains his notes about the synchrotron DORIS, all his notes are written in german From 1976.		
CERN-ARCH-BEUSCH-W-06-01	<b>File - [Presentation and Handwritten] 1991 and [undated] [1 of 2]</b>		Paper
	<i>Scope and content:</i> This folder contains some notes about a symposium Werner Beusch attended or presented. The subject is about the OMEGA Spectrometer. His notes include transparent paper to project on the screen.		
CERN-ARCH-BEUSCH-W-06-02	<b>File - [Presentation and Handwritten] 1991 [undated] [2 of 2]</b>		Paper
	<i>Scope and content:</i>		

	In this folder contains some notes about the "Principle of a RICH detector" transparent paper to project on screen. A document about "Tracking of strangeness high particle density" which Werner Beusch contributed. "A list of participants" for the 2nd topical seminar on perspectives for experimental apparatus at future high energy machines Werner Beusch is not included in that list. A publication draft "Electronics in CERN research activities" with some notes.	
CERN-ARCH-BEUSCH-W-06-03	<b>File - [Handwritten] [1965 and 1995, undated]</b>  <i>Scope and content:</i> This folder contains handwritten notes by Werner Beusch on "Hydrodynamik", "WA 91* - SOFT *a greek sign* - where are we?", some notes and "Breustrahlung correction to pi-p#k0k-0n"	Paper
CERN-ARCH-BEUSCH-W-06-04	<b>File - Statistics Questions</b>  <i>Scope and content:</i> This folder contains handwritten notes written by Werner Beusch about "Probleme de reconstruction pour la chambre hexagonale" with equation, graphics formule of maths. A copy of a publication "Least squares fit of bubble chamber tracks taking into account energy loss and magnetic field inhomogeneity" and "Properties of the maximum likelihood method".	Paper

### Series CERN-ARCH-BEUSCH-W-07: CERN Administrative Documents

Creator: Beusch, Werner

Date: 1968-01-01 - 1994-12-31 (creation)

Scope and content: This series contains copies of administrative documents related to Werner Beusch such as employment contract|promotion proposals and evaluations, Salary slip, Document for retirement "When you leave CERN", Allocation, Pension, Attestation, Peer review Rating Form, Annual Interview and Advancement, Memorandum, Letters of Recommendation, Fonds Zur Forderung der Wissenschaftlichen Forschung and Fakultat für Physik.

Physical description: Paper

Language of the material:

- English
- French
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

#### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-07-01	<b>File - Budget June/oct 1988 [CERN Administrative] [1 of 2]</b>  <i>Scope and content:</i>		Paper

	This folder contains handwritten notes by Werner Beusch before his retirement in 1994. A handwritten note is a draft to thank before he retire. Administrative document for retirement such as "Attestation", "claim for reinstatement indemnity, "when you leave cern". Other type of administrative document such as "peer Review rating form", "Annual Interview and advancement", memorandum, correspondence for a reference about a physicist and between universities. Letter of recommendations.
CERN-ARCH-BEUSCH-W-07-02	<p><b>File - Budget June/oct 1988 [CERN Administrative] [2 of 2]</b> Paper</p> <p><i>Scope and content:</i></p> <p>This folder contains administrative and professional records relating to Werner Beusch's career at CERN, particularly the period leading up to his retirement in 1994. The records include handwritten notes and draft farewell messages, retirement-related documents such as attestations, claims for reinstatement indemnity, and information for departing CERN staff. Also included are personnel management records, including peer review rating forms, annual interviews and advancement reports, training certificates, memoranda, and correspondence concerning professional references and recommendations. The records document the administrative aspects of Beusch's employment and professional activities from the 1970s to the 1990s.</p>
CERN-ARCH-BEUSCH-W-07-03	<p><b>File - CERN PRIVAT [1968-1988]</b> Paper</p> <p><i>Scope and content:</i></p> <p>This folder contains a senior staff proposal, memoranda, a "rapport d'accident non-professionnel," a 25-year service congratulation, copies of "résumé d'entrevue périodique" for P. Raphael, A. Dalluge, Jeansen, and Michel, M, Raimond and career references for J.P. Dufey, Dr. A. Jacholkowski, Dr. A. Palano and P.G. Rancoita. Copies of personal-Confidential documents (allocation familial, contrat de salaire, attestation, ordre de paiement), interview of Mr F Ghinet/SPS, Periodic review, a confidential handwritten paper about staff member year of 1986 a draft of an interview. Application for Martha Spyropoulou – Stassinaki. The curriculum Vitae in English and German of Werner Beusch. A request "projet de chambre à étincelles pour une exposition permanente au cern". An "agreement on the sharing responsibilities among the participants in experiment WA70". A copy of a list of his publications from 1976. Job information form. Memorandum to propagate his contract. A publication of a speech "The survival of high-energy physics in Europe" in Amsterdam 1971. A memorandum of a visit de conseillers nationaux suisses.</p>
CERN-ARCH-BEUSCH-W-07-04	<p><b>File - Werner BEUSCH / EF [circa 1970s]</b> Paper</p> <p><i>Scope and content:</i></p> <p>This folder contains an envelope which contains a picture to thank Werner Beusch for his 25 years of service at CERN.</p>

### Series CERN-ARCH-BEUSCH-W-08: Slides

Creator: Beusch, Werner

Date: 1968-1971 [undated] (creation)

Scope and content: This series contains diapositives, some diapositives boxes contains titles related to conferences in different cities such as Zürich| Bern| Bologna and Vienna and some photos of CERN and the machines. The content of the diapositives includes graphics about subjects as titled on the boxes such as Polar| Coherent| Magnet Spark CH Technique|#K1#K1#New| K1#K1#old| Pp- -->nn-| 1-8. Polar| K1#K1#Philad#and#K+A --> K### + A.

Physical description: Slides (Diapositives)

16 diapositives boxes. 1 box contains 8 diapositives boxes and 1 box contains 8 diapositives boxes with 15 slides without box.

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-08-1	<b>Item - Slides 1968-1971 [undated]</b> <i>Creator:</i> Beusch, Werner <i>Scope and content:</i> This box contains 8 diapositives boxes		8 boxes of diapositives boxes
CERN-ARCH-BEUSCH-W-08-2	<b>Item - Slides [undated]</b> <i>Creator:</i> Beusch, Werner <i>Scope and content:</i> This box contains 8 diapositives boxes		This box contains 8 diapositives boxes
CERN-ARCH-BEUSCH-W-08-1	<b>Item - [No title]</b>		
CERN-ARCH-BEUSCH-W-08-2	<b>Item - [e], K[ov] 1.II.71</b>		
CERN-ARCH-BEUSCH-W-08-3	<b>Item - Coherent + K* 30. IV.71</b>		
CERN-ARCH-BEUSCH-W-08-4	<b>Item - K1 K1 Philad. 1970</b>		
CERN-ARCH-BEUSCH-W-08-5	<b>Item - K1 K1 old, Dalitz 24.IV.70</b>		
CERN-ARCH-BEUSCH-W-08-6	<b>Item - Zürich 6.XI.69</b>		
CERN-ARCH-BEUSCH-W-08-7	<b>Item - Bern 68, Bologna 71</b>		
CERN-ARCH-BEUSCH-W-08-8	<b>Item - Vienna Conf —&gt; ETH 31.10.68</b>		

### Series CERN-ARCH-BEUSCH-W-09: Experiments, book and booklets

Creator: Beusch, Werner

Date: 1961-01-01 - 2015-12-31 (creation)

Scope and content: This folder contains documents related to experiments, books and booklet that Beusch received or contributed, which include the document interview by Maurice Jacob and Emmanuele Quercigh “The CERN Omega#Spectrometer 25 years of Physics”, also a another document Werner wrote in 2017 with Emmanuele Quercigh with a draft and final version of “OMEGA: An electronic Bubble Chamber”, a book about the new theory of particle “Introduction a la nouvelle theorie des particules de M.Jean-Pierre et ses collaborateur” and another book about SSC “To the heart of Matter – The Superconducting Super Collider”.

Physical description: Paper

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-09-01	<b>File - Experiments, Book and Booklet 1961-2015</b>		Paper
	<p><i>Scope and content:</i></p> <p>This folder contains a book “Introduction à la nouvelle théorie des particules de M.Jean-Pierre Vigier et de ses collaborateurs”, a book “To the Heart of Matter The Superconducting Super Collider”. It also contains copies of Werner Beusch interview for “Quelques souvenirs - a l’occasion de la fermeture d’Omega” and “The CERN OMEGA Spectrometer 25 years of Physics”. In 2015 Werner Beusch made a lot of drafts and submitted his final copy for a publication, his chapter was “Chapter 3.3 OMEGA”, but we don’t have a final publication.</p>		

### Series CERN-ARCH-BEUSCH-W-10: Conferences, Seminars and Presentations

Creator: Beusch, Werner

Date: 1977-01-01 - 1997-12-31 (creation)

Scope and content: This series contains documents related to conferences, seminars and presentations that Werner#Beusch#attended, presented or collected. The documents include programs, participant#lists#and itinerary. The presentations contained graphics and text on a transparent paper to show to the beamer. The conference and seminars were “2nd topical seminar on perspective for experimental apparatus future high energy machines” (1986), Participants from industries 2nd topical seminar on perspectives for experimental apparatus at future high energy machines” (1986), “List contribution to international Conferences” (1970-1973), “Conference on Particle Physics Budapest 4-9 July 1977” and “International Symposium strangeness and quark matter” held in Crete in 1994.

Physical description: Paper

Language of the material:

- English
- French
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Arrangement: This series “Conference, Seminars and Presentations” have been arranged in chronological order.

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-10-01	<b>File - [International Symposium on ‘Strangeness and Quark matter’ and publications] [1 of 2]</b>  <i>Scope and content:</i> This folder contains information about a conference, a copy of “Historical Background to Cretan Antiquities”, handwritten notes on strangeness detection in high-rate, high-density environments, and an image of a machine identified as a "one chamber module".		Paper
CERN-ARCH-BEUSCH-W-10-02	<b>File - [International Symposium on ‘Strangeness and Quark matter’ and publications] [2 of 2]</b>  <i>Scope and content:</i> This folder contains a copy of a publication “Observation of #- and #- in sulphur-tungsten interactions at 200 GeV/c per nucleon” from the WA85 Collaboration which Werner Beusch participated in, a copy of a publication from the Nuclear Instrument and Methods in Physics Research “A fast RICH detector for particle identification in ALICE at LHC” and “Particle identification with a solid photocathode RICH in ALICE at LHC” were received by Werner Beusch. A copy of a publication from the Physikalisches Institut Universität Heidelberg “Ageing Effects Observed in the CERN Omega RICH” and “The OMEGA-RICH”. a copy from ETHZ “The development of a pixel detector for high luminosity experiments”		Paper
CERN-ARCH-BEUSCH-W-10-03	<b>File -</b>		
CERN-ARCH-BEUSCH-W-10-04	<b>File -</b>		

### Series CERN-ARCH-BEUSCH-W-11: Reference Materials

Creator: Beusch, Werner

Date: 1996-2006 [undated] (creation)

Scope and content: This series contains printed copies of publications, most of them were printed during the 2000s after his retirement he continued his passion of learning more. In some documents you may find some handwritten mathematic.

Physical description: Paper

Language of the material:

- English

- French
- German

Immediate source of acquisition: The collection was donated to the CERN Archives by Christophe Beusch in September 2025

Arrangement: This series “Reference Materials” have been arranged in chronological order.

Publication status:

Published

### File / item list

Reference code	Title	Dates	Physical description
CERN-ARCH-BEUSCH-W-11-01	<b>File - [Reference materials] [1996-2006] [1 of 2]</b>		Paper
	<i>Scope and content:</i> This folder contains reference materials about physics which were printed by Beusch during his retirement.		
CERN-ARCH-BEUSCH-W-11-02	<b>File - [Reference materials] [1996-2006] [2 of 2]</b>		Paper
	<i>Scope and content:</i> This folder contains reference materials about physics which were printed by Beusch during his retirement.		