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## Employment

### Externe medewerker

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1-Oct-2021 → 30-Sept-2026

## Research output

### Manipulating a beam of barium fluoride molecules using an electrostatic hexapole

NL-eEDM Collaboration, 1-Jul-2024, In: *New Journal of Physics*. 26, 7, 13 p., 073054.

### Spin-precession method for sensitive electric dipole moment searches

NL- e EDM Collaboration, Jul-2024, In: *Physical Review A*. 110, 1, L010801.

### Influence of source parameters on the longitudinal phase-space distribution of a pulsed cryogenic beam of barium fluoride molecules

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### Novel spin-precession method for sensitive EDM searches

Boeschoten, A., Marshall, V. R., Meijknecht, T. B., Touwen, A., Bethlem, H. L., Borschevsky, A., Hoekstra, S., Hofslot, J. W. F. V., Jungmann, K., Mooij, M. C., Timmermans, R. G. E., Ubachs, W. & Willmann, L., 11-Mar-2023, arXiv, 6 p.

### Characterization of a Continuous Muon Source for the Non-Destructive and Depth-Selective Elemental Composition Analysis by Muon Induced X-and Gamma-rays

Biswas, S., Gerchow, L., Luetkens, H., Prokscha, T., Antognini, A., Berger, N., Cocolios, T. E., Dressler, R., Indelicato, P., Jungmann, K., Kirch, K., Knecht, A., Papa, A., Pohl, R., Pospelov, M., Rapisarda, E., Reiter, P., Ritjoho, N., Roccia, S. & Severijns, N. & 5 others, Skawran, A., Vogiatzi, S. M., Wauters, F., Willmann, L. & Amato, A., 1-Mar-2022, In: *Applied Sciences (Switzerland)*. 12, 5, 14 p., 2541.

### Characterization of a continuous muon source for the Muon-Induced X-ray Emission (MIXE) Technique

Biswas, S., Gerchow, L., Luetkens, H., Prokscha, T., Antognini, A., Berger, N., Cocolios, T. E., Dressler, R., Indelicato, P., Jungmann, K., Kirch, K., Knecht, A., Papa, A., Pohl, R., Pospelov, M., Rapisarda, E., Reiter, P., Ritjoho, N., Roccia, S. & Severijns, N. & 5 others, Skawran, A., Vogiatzi, S. M., Wauters, F., Willmann, L. & Amato, A., 8-Feb-2022, (Submitted) arXiv, 16 p.

### eEDM sensitive searches with BaF molecules

Meijknecht, T., Aggarwal, P., Bethlem, H., Boeschoten, A., Borschevsky, A., Denis, M., Haase, P., Hoekstra, S., van Hofslot, J., Jungmann, K.-P., Marshall, G., Mooij, M., Timmermans, R., Touwen, A., Ubachs, W., Willmann, L. & Yin, Y., 2022, *Verhandlungen der Deutschen Physikalischen Gesellschaft: Erlangen 2022*. Deutsche Physikalische Gesellschaft, Vol. 2022. MO 17.2

### **Deceleration and Trapping of SrF Molecules**

Aggarwal, P., Yin, Y., Esajas, K., Bethlem, H. L., Boeschoten, A., Borschevsky, A., Hoekstra, S., Jungmann, K., Marshall, V. R., Meijknecht, T. B., Mooij, M. C., Timmermans, R. G. E., Touwen, A., Ubachs, W. & Willmann, L., 22-Oct-2021, In: *Physical Review Letters*. 127, 17, 7 p., 173201.

### **Muonium-antimuonium conversion**

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### **A supersonic laser ablation beam source with narrow velocity spreads**

Aggarwal, P., Bethlem, H. L., Boeschoten, A., Borschevsky, A., Esajas, K., Hao, Y., Hoekstra, S., Jungmann, K., Marshall, V. R., Meijknecht, T. B., Mooij, M. C., Timmermans, R. G. E., Touwen, A., Ubachs, W., Willmann, L., Yin, Y. & Zapara, A., 1-Mar-2021, In: *Review of Scientific Instruments*. 92, 3, 7 p., 033202.

### **Fundamental physics with cold radioactive atoms**

Sakemi, Y., Aoki, T., Calabrese, R., Haba, H., Harada, K., Hayamizu, T., Ichikawa, Y., Jungmann, K., Kastberg, A., Kotaka, Y., Matsuda, Y., Matsuo, Y., Nagahama, H., Nakamura, K., Otsuka, M., Ozawa, N., Tanaka, K. S., Uchiyama, A., Ueno, H. & Willmann, L., 5-Feb-2021, *Proceedings of the 14th Asia Pacific Physics Conference*. Tou, T.-Y., Yokoyama, J., Shukor, R. A., Tanaka, K., Choi, H. J., Matsumoto, R., Chin, O.-H., Chin, J. H. & Ratnavelu, K. (eds.). American Institute of Physics Inc., 7 p. 080020. (AIP Conference Proceedings; vol. 2319).

### **Measurement of the quadrupole moment of Re-185 and Re-187 from the hyperfine structure of muonic X rays**

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### **Correction to: Electro-optic sensor for static fields (vol 125, pg 212, 2019)**

Grasdijk, J. O., Bai, X. F., Engin, I., Jungmann, K., Krause, H. J., Niederlaender, B., Offenhaeuser, A., Repetto, M., Willmann, L. & Zimmer, S., Jan-2020, In: *Applied Physics B-Lasers and Optics*. 126, 1, 1 p., 12.

### **Physics beyond colliders at CERN: Beyond the Standard Model Working Group Report**

Beacham, J., Burrage, C., Curtin, D., De Roeck, A., Evans, J., Feng, J. L., Gatto, C., Gninenko, S., Hartin, A., Irastorza, I., Jaeckel, J., Jungmann, K., Kirch, K., Kling, F., Knapen, S., Lamont, M., Lanfranchi, G., Lazzeroni, C., Lindner, A. & Martinez-Vidal, F. & 13 others, Moulson, M., Neri, N., Papucci, M., Pedraza, I., Petridis, K., Pospelov, M., Rozanov, A., Ruoso, G., Schuster, P., Semertzidis, Y., Spadaro, T., Vallee, C. & Wilkinson, G., Jan-2020, In: *Journal of Physics. G: Nuclear and Particle Physics*. 47, 1, 114 p., 010501.

### **Lifetime measurements of the A(2)Pi(1/2) and A(2)Pi(3/2) states in BaF**

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### **Electro-optic sensor for static fields**

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### **Towards nuclear structure with radioactive muonic atoms: The nuclear charge radius of radioactive isotopes from measurements of muonic X-rays**

Skawran, A., Adamczak, A., Antognini, A., Berger, N., Cocolios, T. E., Dressler, R., Duellmann, C. E., Eichler, R., Indelicato, P., Jungmann, K.-P., Kirch, K., Krauth, J. J., Nuber, J., Papa, A., Pohl, R., Pospelov, M., Rapisarda, E., Renisch, D., Reiter, P. & Ritjoho, N. & 5 others, Roccia, S., Severijns, N., Vogiatzi, S., Wauters, F. & Willmann, L., 20-Sept-2019, In: *Il Nuovo Cimento Della Societa Italiana di Fisica. C: Geophysics and Space Physics*. 42 C, 2-3, 125.

### **High accuracy theoretical investigations of CaF, SrF, and BaF and implications for laser-cooling**

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### **Interaction Zone for an eEDM measurement with a BaF beam**

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### **Search for a permanent electric dipole moment on the electron (eEDM) using BaF molecules**

Meijknecht, T., Boeschoten, A., Borschevsky, A., Zapara, A., Bethlem, H., Esajas, K., Jungmann, K., Willmann, L., Mooij, M., Denis, M., Aggarwal, P., Haase, P., Timmermans, R., Hoekstra, S., Marshall, G., Ubachs, W., Yin, Y. & Hao, Y., 2019.

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### **Was unterscheidet Materie von Antimaterie?**

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### **Lifetime of the $5d\ ^2D_{5/2}$ level of $^{138}\text{Ba}^+$ from quantum jumps with single and multiple $\text{Ba}^+$ ions**

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### **Ba<sup>+</sup> Isotope shift studies in preparation of atomic parity violation measurement**

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### **Intense molecular beams to test fundamental physics**

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### **Measuring the electron-EDM using a slow, intense and cold beam of BaF molecules 3:36 PM–3:48 PM**

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### **Nuclear structure with radioactive muonic atoms**

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### **Permanent Electric Dipole Moment Search in <sup>129</sup>Xe**

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### **Light Shifts to determine atomic properties of <sup>138</sup>Ba<sup>+</sup> ions for measuring atomic parity violation**

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### **Precision determination of properties of <sup>138</sup>Ba<sup>+</sup> ion**

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### **Test of Lorentz invariance in $\beta$ decay of polarized <sup>20</sup>Na**

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### **A gas cell for stopping, storing and polarizing radioactive particles**

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### **Line shape of frequency modulation spectroscopy of molecular iodine**

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### **Particle physics: Matter and antimatter scrutinized**

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### **Determination of transition frequencies in a single $^{138}\text{Ba}^+$ ion**

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### **Lifetime measurement of the $5d\ ^2D_{5/2}$ state in $\text{Ba}^+$**

Mohanty, A., Dijck, E. A., Nunez Portela, M., Valappol, N., Grier, A. T., Meijknecht, T., Willmann, L. & Jungmann, K.-P., 21-Apr-2015, In: Hyperfine Interactions. 233, 1, p. 113-119 7 p.

**Effect of soil temperature on optical frequency transfer through unidirectional dense-wavelength-division-multiplexing fiber-optic links**

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**Muon (g-2) Technical Design Report**

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**Deceleration, cooling and trapping of SrF molecules for precision spectroscopy**

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**High precision spectroscopy of single  $^{138}\text{Ba}^+$  ions**

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**Investigation of line shapes in single  $\text{Ba}^+$  spectroscopy**

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#### **TRI mu P - A radioactive isotope trapping facility at KVI**

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### **Production of pulsed ultra slow muons and first mu SR experiments on thin metallic and magnetic films**

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## Activities

### PSI2022 International Conference (Event)

Jungmann, K. (Member)

16-Oct-2022 → 21-Oct-2022

### 8th International Symposium on Symmetries in Subatomic Physics 2022 (Event)

Jungmann, K. (Member)

29-Aug-2022 → 2-Sept-2022

### NUM Division of PSI (Event)

Jungmann, K. (Member)

15-Nov-2021 → 19-Nov-2021

### International Review of the NUM Division of PSI, Villigen (External organisation)

Jungmann, K. (Member)

15-Sept-2021 → Dec-2021

### EXA 2021 (Event)

Jungmann, K. (Member)

13-Sept-2021 → 17-Sept-2021



**NWO (External organisation)**

Jungmann, K.-P. (Member)  
Jan-2021 → 2022

**Austrian Acad Sci, Austrian Academy of Sciences (External organisation)**

Jungmann, K.-P. (Member)  
13-Sept-2020 → 18-Sept-2020

**Nikhef (External organisation)**

Jungmann, K.-P. (Member)  
1-Jan-2020

**Canadian Foundation for Innovation (External organisation)**

Jungmann, K.-P. (Member)  
Jan-2020 → Apr-2020

**NWO (External organisation)**

Jungmann, K.-P. (Member)  
Jan-2020 → Dec-2020

**Experimental Aspects of Muonium and Related Topics – An Almost Perfect Atom on the Test Bench**

Jungmann, K.-P. (Speaker)  
28-Nov-2019

**Search for Parity and Time Reversal Violation in Atoms and Molecules**

Jungmann, K.-P. (Speaker)  
11-Jun-2019 → 14-Jun-2019

**Experiments on Parity and Time Reversal Violations in Atoms and Molecules Klaus Jungmann Univ. of Groningen, Netherlands**

Jungmann, K.-P. (Speaker)  
1-Mar-2019

**Nikhef (External organisation)**

Jungmann, K.-P. (Member)  
1-Jan-2019 → 31-Dec-2019

**CERN, European Organization for Nuclear Research (CERN) (External organisation)**

Jungmann, K.-P. (Member)  
2019

**NWO (External organisation)**

Jungmann, K.-P. (Member)  
2019 → 2020

**Parity Violation in Atomic Systems**

Jungmann, K.-P. (Invited speaker)  
26-Nov-2018 → 30-Nov-2018

**Testing Fundamental Symmetries with Trapped Single Ions**

Jungmann, K.-P. (Invited speaker)  
21-Oct-2018 → 26-Oct-2018

**Testing Fundamental Symmetries in at Atomic Scale**

Jungmann, K.-P. (Speaker)

16-Oct-2018

**Testing Fundamental Symmetries on the Atomic Scale**

Jungmann, K.-P. (Invited speaker)

16-Oct-2018

**7th International Conference on Trapped Charged Particles and Fundamental Physics 2018 (TCP 2018) (External organisation)**

Jungmann, K.-P. (Member)

30-Sept-2018 → 5-Oct-2018

**Electric Dipole Moments - Probes for New Physics**

Jungmann, K.-P. (Speaker)

14-Jun-2018

**Optical Sensing of Gravity and Earthquakes**

Jungmann, K.-P. (Speaker)

25-May-2018

**Aarhus Univ, Aarhus University (External organisation)**

Jungmann, K.-P. (Member of Assessment Committee)

18-May-2018

**Nukleare Photonik**

Jungmann, K.-P. (Consultant)

Mar-2018 → Apr-2018

**JPARC (External organisation)**

Jungmann, K.-P. (Member)

Feb-2018 → Mar-2018

**Nikhef (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2018 → 31-Dec-2018

**CERN, European Organization for Nuclear Research (CERN) (External organisation)**

Jungmann, K.-P. (Member)

Jan-2018 → 2019

**Physics of fundamental Symmetries and Interactions 2019 (Event)**

Jungmann, K.-P. (Member)

2018 → 2019

**Hessisches Ministerium für Wissenschaft und Kunst (External organisation)**

Jungmann, K.-P. (Member)

Nov-2017 → Mar-2018

**International Midterm Review Panel ECHO Experiment**

Jungmann, K.-P. (Consultant)

Nov-2017

**Deutsche Forschungsgemeinschaft (External organisation)**

Jungmann, K.-P. (Member)

Oct-2017 → Feb-2018

**Antiproton physics in the ELENA era**

Jungmann, K.-P. (Keynote speaker)  
3-Sept-2017 → 4-Sept-2017

**International Conference on Precision Physics and Fundamental Physical Constants**

Jungmann, K.-P. (Keynote speaker)  
15-May-2017 → 19-May-2017

**Muon g-2**

Jungmann, K.-P. (Keynote speaker)  
6-Mar-2017 → 10-Mar-2017

**J-PARC (External organisation)**

Jungmann, K.-P. (Member)  
Feb-2017

**Nikhef (External organisation)**

Jungmann, K.-P. (Member)  
1-Jan-2017 → 1-Dec-2017

**CERN, European Organization for Nuclear Research (CERN) (External organisation)**

Jungmann, K.-P. (Member)  
2017 → 2018

**Canadian Foundation for Innovation (External organisation)**

Jungmann, K.-P. (Member)  
Dec-2016 → ...

**High Energy Accelerator Res Org KEK, High Energy Accelerator Research Organization (KEK) (External organisation)**

Jungmann, K.-P. (Member)  
Nov-2016

**PSI2016**

Jungmann, K.-P. (Keynote speaker)  
21-Oct-2016

**RIKEN, RIKEN, RIKEN Nishina Ctr (External organisation)**

Jungmann, K.-P. (Member)  
30-May-2016 → 31-May-2016

**12th International Conference on Low Energy Antiproton Physics**

Jungmann, K.-P. (Keynote speaker)  
6-Mar-2016 → 11-Mar-2016

**LEAP 2016 Low Energy Antiproton Physics**

Jungmann, K.-P. (Attendee)  
6-Mar-2016 → 11-Mar-2016

**DFG (External organisation)**

Jungmann, K.-P. (Member)  
Mar-2016 → May-2016

**J-PARC (External organisation)**

Jungmann, K.-P. (Member)  
14-Feb-2016 → 25-Feb-2016

**International Expert Committee, Canadian Foundation for Innovation (External organisation)**

Jungmann, K.-P. (Member)  
Feb-2016 → Mar-2016

**Nikhef (External organisation)**

Jungmann, K.-P. (Member)  
Feb-2016 → ...

**Paul Scherrer Institut, Villigen, Switzerland (External organisation)**

Jungmann, K.-P. (Member)  
Feb-2016

**Swiss National Paul Scherre Institute (External organisation)**

Jungmann, K.-P. (Member)  
Feb-2016

**Nikhef (External organisation)**

Jungmann, K. (Member of board)  
2016 → 2021

**PSI 2016 Physics of Fundamental Interaction and Symmetries**

Jungmann, K.-P. (Member of scientific committee)  
2016 → 2017

**Precision Tests of Discrete Symmetries - Parity Violation and Permanent Electric Dipole Moments**

Jungmann, K.-P. (Keynote speaker)  
24-Nov-2015

**RIKEN, RIKEN (External organisation)**

Jungmann, K.-P. (Member)  
Nov-2015 → Jan-2016

**Symmetries in Subatomic Physics (SSP) 2015 (External organisation)**

Jungmann, K.-P. (Member)  
8-Jun-2015 → 12-Jun-2015

**International Symposium 10 years of Stefan Meyer Institute for Subatomic Physics**

Jungmann, K.-P. (Keynote speaker)  
28-May-2015 → 29-May-2015

**J-PARC (External organisation)**

Jungmann, K.-P. (Member)  
11-Feb-2015 → 12-Feb-2015

**FOM (External organisation)**

Jungmann, K.-P. (Member)  
1-Jan-2015 → 31-Dec-2018

**Deutsche Forschungsgemeinschaft (External organisation)**

Jungmann, K.-P. (Member)  
Jan-2015 → Feb-2015

**International Symposium 10 years of Stefan Meyer Institute for Subatomic Physics**

Jungmann, K.-P. (Keynote speaker)

2015 → ...

**Fundamental Symmetries and Interactions**

Jungmann, K.-P. (Keynote speaker)

29-Sept-2014 → 3-Oct-2014

**Canadian Foundation for Innovation (External organisation)**

Jungmann, K.-P. (Member)

Sept-2014 → Oct-2014

**International Expert Committee, Canadian Foundation for Innovation (External organisation)**

Jungmann, K.-P. (Member)

Sept-2014

**DFG (External organisation)**

Jungmann, K.-P. (Member)

2014 → 2015

**FOM (External organisation)**

Jungmann, K.-P. (Member)

2014

**RIKEN, RIKEN, RIKEN Nishina Ctr (External organisation)**

Jungmann, K.-P. (Member)

2014 → 2017

**Test of Fundamental Interactions and Symmetries by Atomic Physics Techniques",**

Jungmann, K.-P. (Keynote speaker)

13-May-2013 → 17-May-2013

**CP Violation in Elementary Particles and Composite Systems PCPV 2013**

Jungmann, K.-P. (Keynote speaker)

19-Feb-2013 → 23-Feb-2013

**CSIR-National Physical Laboratory, Dr. K. S. Krishnan Marg, New Delhi-110012, India**

Jungmann, K.-P. (Speaker)

15-Feb-2013

**Japanese Institute for High Energy Physics, KEK (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2013 → 1-Dec-2017

**RIKEN, RIKEN (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2013 → 31-Dec-2016

**CSIR-NPL Seminar, National Physical Laboratory**

Jungmann, K.-P. (Speaker)

2013

**International Conference on CP Violation in Elementary Particles and Composite Systems**

Jungmann, K.-P. (Keynote speaker)

2013 → ...

**International Conference on Low Energy Anti-Proton Physics**

Jungmann, K.-P. (Keynote speaker)

2013 → ...

**International Conference PSI 2013**

Jungmann, K.-P. (Keynote speaker)

2013 → ...

**IX International Workshop on Applications of Lasers and Storage Devices in Atomic Nuclei Research**

Jungmann, K.-P. (Keynote speaker)

2013 → ...

**NWO (External organisation)**

Jungmann, K.-P. (Member)

2013 → 2014

**NWO (External organisation)**

Jungmann, K.-P. (Member)

2013 → 2014

**NWO (External organisation)**

Jungmann, K.-P. (Member)

2013 → 2014

**EDM Searches at Storage Rings**

Jungmann, K.-P. (Keynote speaker)

1-Oct-2012 → 5-Oct-2012

**International Conference on Precision Physics of Simple Atomic Systems 2012**

Jungmann, K.-P. (Keynote speaker)

10-Jun-2012 → 15-Jun-2012

**DFG (External organisation)**

Jungmann, K.-P. (Member)

2012

**ESF European Science Foundation (External organisation)**

Jungmann, K.-P. (Member)

2012 → 2014

**JPARC (External organisation)**

Jungmann, K.-P. (Member)

2012 → ...

**Nuclear Physics European Collaboration Committee, NupeCC (External organisation)**

Jungmann, K.-P. (Member)

2012 → 2014

**Conference on low-energy fundamental-interactions physics at ISOL@MYRRHA**

Jungmann, K.-P. (Keynote speaker)

3-Oct-2011 → 5-Oct-2011

**WE-Heraeus Seminar Search for Electric Dipole Moments (EDMs) at Storage Rings**

Jungmann, K.-P. (Keynote speaker)  
4-Jun-2011 → 8-Jun-2011

**Physikalisches Festkolloquium am Physikalischen Institut der Universität Heidelberg aus Anlass des 80. Geburtstages von Professor Gisbert zu Putlitz**

Jungmann, K.-P. (Keynote speaker)  
15-Apr-2011

**Physikalisches Fest-Kolloquium aus Anlass des 60. Geburtstages von Werner Heil**

Jungmann, K.-P. (Keynote speaker)  
1-Feb-2011

**Conference on low-energy fundamental-interactions physics at ISOL@MYRRHA**

Jungmann, K.-P. (Keynote speaker)  
2011 → ...

**Fermilab Natl Accelerator Lab, Fermi National Accelerator Laboratory (External organisation)**

Jungmann, K.-P. (Member)  
2011 → ...

**Festkolloquium 60th Birthday W. Heil**

Jungmann, K.-P. (Speaker)  
2011

**FOM (External organisation)**

Jungmann, K.-P. (Member)  
2011

**International Conference on Exotic Atoms and Related Topics (EXA 2011)**

Jungmann, K.-P. (Keynote speaker)  
2011 → ...

**National Scientific and Engineering Research Council, NSERC (External organisation)**

Jungmann, K.-P. (Member)  
2011 → 2012

**Physikalisches Festkolloquium am Physikalischen Institut der Universität Heidelberg aus Anlass des 80. Geburtstages von Professor Gisbert zu Putlitz**

Jungmann, K.-P. (Speaker)  
2011

**Protontherapie Meeting UMCG**

Jungmann, K.-P. (Speaker)  
2011

**Res Ctr Juelich, Julich Research Center (External organisation)**

Jungmann, K.-P. (Member)  
2011

**Seminar INCAS3**

Jungmann, K.-P. (Speaker)  
2011

**The 19th Particles and Nuclei International Conference**

Jungmann, K.-P. (Keynote speaker)  
2011 → ...

**Conference on Precision Tests of the Standard Model: from Atomic Parity Violation to Parity-Violating Lepton Scattering**

Jungmann, K.-P. (Keynote speaker)  
22-Nov-2010 → 26-Nov-2010

**conference on Searches for CP-and T-Violation in Atoms and Nuclei**

Jungmann, K.-P. (Keynote speaker)  
15-Nov-2010 → 19-Nov-2010

**Special Symposium on occasion of the 100th Anniversary of the "Radiuminstitut" of the Austrian Academy of Sciences**

Jungmann, K.-P. (Keynote speaker)  
1-Nov-2010

**Fundamental Physics Using Atoms 2010 international conference**

Jungmann, K.-P. (Keynote speaker)  
7-Aug-2010 → 9-Aug-2010

**International Nuclear Physics Conference (INPC)**

Jungmann, K.-P. (Keynote speaker)  
4-Jul-2010 → 9-Jul-2010

**4th Yamada Symposium on Advanced Photons and Science Evolution**

Jungmann, K.-P. (Keynote speaker)  
2010 → ...

**Atominstitut der Oesterreichischen Akademie der Wissenschaften**

Jungmann, K.-P. (Speaker)  
2010

**CLIC project meeting, CERN**

Jungmann, K.-P. (Speaker)  
2010

**E (External organisation)**

Jungmann, K.-P. (Member)  
2010 → 2013

**ensar (External organisation)**

Jungmann, K.-P. (Member)  
2010 → 2013

**FOM (External organisation)**

Jungmann, K.-P. (Member)  
2010

**Fritz Haber Institut**

Jungmann, K.-P. (Speaker)  
2010



**International Nuclear Physics Conference (INPC)**

Jungmann, K.-P. (Keynote speaker)

2010 → ...

**Special Symposium on occasion of the 100th Anniversary of the "Radiuminstitut" of the Austrian Academy of Sciences**

Jungmann, K.-P. (Keynote speaker)

2010

**Symposium on Fundamental Physics Using Atoms 2010**

Jungmann, K.-P. (Keynote speaker)

2010 → ...

**Workshop on Precision Tests of the Standard Model: from Atomic Parity Violation to Parity-Violating Lepton Scattering**

Jungmann, K.-P. (Keynote speaker)

2010 → ...

**Workshop on Precision Tests of the Standard Model: from Atomic Parity Violation to Parity-Violating Lepton Scattering**

Jungmann, K.-P. (Keynote speaker)

2010 → ...

**Workshop on Violations of discrete symmetries in atoms and nuclei, ECT\***

Jungmann, K.-P. (Keynote speaker)

2010 → ...

**Special Symposium at 41st EGAS Conference**

Jungmann, K.-P. (Keynote speaker)

8-Jul-2009 → 11-Jul-2009

**Wilhelm und Else Heraeus-Seminar: Precision Experiments at Lowest Energies for Fundamental Tests and Constants**

Jungmann, K.-P. (Keynote speaker)

15-Jun-2009 → 17-Jun-2009

**Workshop on Atomic Physics with Rare Atoms**

Jungmann, K.-P. (Keynote speaker)

Jun-2009

**CERN Workshop "New Opportunities in the Physics Landscape at CERN"**

Jungmann, K.-P. (Keynote speaker)

11-May-2009 → 13-May-2009

**New Opportunities in Physics**

Jungmann, K.-P. (Keynote speaker)

10-May-2009 → 13-May-2009

**Austrian Acad Sci, Austrian Academy of Sciences (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2009 → ...

**FOM (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2009 → 31-Dec-2018

**FOM (External organisation)**

Jungmann, K.-P. (Member)

1-Jan-2009 → 31-Dec-2014

**434 WE-Heraeus Seminar on Precision Experiments at lowest energies for fundamental tests and constants**

Jungmann, K.-P. (Keynote speaker)

2009 → ...

**CERN Workshop "New Opportunities in the Physics Landscape at CERN**

Jungmann, K.-P. (Keynote speaker)

2009 → ...

**Deutsche Forschungsgemeinschaft (External organisation)**

Jungmann, K.-P. (Member)

2009

**EGAS Conference**

Jungmann, K.-P. (Keynote speaker)

2009 → ...

**ESF European Science Foundation (External organisation)**

Jungmann, K.-P. (Member)

2009 → 2012

**ESS (External organisation)**

Jungmann, K.-P. (Member)

2009 → 2013

**Helmholtzinstitut für Schwerionenforschung**

Jungmann, K.-P. (Speaker)

2009

**Helmholtz Zentrum, Helmholtz Association (External organisation)**

Jungmann, K.-P. (Member)

2009

**Nuclear Physics European Collaboration Committee, NupeCC (External organisation)**

Jungmann, K.-P. (Member)

2009 → 2011

**Nuclear Physics European Collaboration Committee, NupeCC (External organisation)**

Jungmann, K.-P. (Member)

2009 → 2011

**UMCG (External organisation)**

Jungmann, K.-P. (Member)

2009 → 2012

**Universität zu Köln**

Jungmann, K.-P. (Speaker)

2009

**Workshop on Atomic Physics with Rare Atoms**

Jungmann, K.-P. (Keynote speaker)

2009 → ...

**Focus Session on Low Energy Standard Model Tests**

Jungmann, K.-P. (Keynote speaker)  
22-Jan-2008

**EURISOL User Group Workshop**

Jungmann, K.-P. (Keynote speaker)  
16-Jan-2008

**Hyperfine Interactions (Journal)**

Jungmann, K.-P. (Editorial board member)  
2008 → ...

**Spiral II (External organisation)**

Jungmann, K.-P. (Member)  
2008 → 2013

**Workshop on Rare Isotopes and Fundamental Symmetries**

Jungmann, K.-P. (Keynote speaker)  
19-Sept-2007 → 21-Sept-2007

**Workshop on Fundamental Symmetries: From Nuclei and Neutrinos to the Universe, Violations of discrete symmetries in atoms and nuclei,**

Jungmann, K.-P. (Keynote speaker)  
24-Jun-2007 → 29-Jun-2007

**Precision Measurements at Low Energy**

Jungmann, K.-P. (Keynote speaker)  
18-Jan-2007 → 19-Jan-2007

**Koninklijke Nederlandse Academie van Wetenschappen (External organisation)**

Jungmann, K.-P. (Member)  
2007

**Heavy Quarks and Leptons Conference**

Jungmann, K.-P. (Keynote speaker)  
16-Oct-2006 → 20-Oct-2006

**Fundamental Interactions**

Jungmann, K.-P. (Invited speaker)  
3-Sept-2006 → 8-Sept-2006

**Trapped Charged Particles '06**

Jungmann, K.-P. (Keynote speaker)  
3-Sept-2006 → 8-Sept-2006

**Trapped Radioactive Isotopes as -laboratories for fundamental Physics",**

Jungmann, K.-P. (Invited speaker)  
31-Aug-2006

**Lepton Moments III International Symposium**

Jungmann, K.-P. (Invited speaker)  
18-Jun-2006 → 23-Jun-2006

**Laser 2006 international workshop**

Jungmann, K.-P. (Invited speaker)

29-May-2006 → 2-Jun-2006

**International scoping study of a future Neutrino Factory and Super-Beam Facility**

Jungmann, K.-P. (Keynote speaker)

26-Apr-2006

**Postgraduate School Theoretical High Energy Physics**

Jungmann, K.-P. (Visiting researcher)

2006

**Conference on Matrix Elements for Neutrinoless Double Beta-Decay,**

Jungmann, K.-P. (Keynote speaker)

23-May-2005 → 24-May-2005

**International Conference on Low Energy Antiproton Physics '05**

Jungmann, K.-P. (Keynote speaker)

16-May-2005 → 22-May-2005

**Conference on Physics with Ultraslow Antiproton Beams**

Jungmann, K.-P. (Invited speaker)

14-Mar-2005 → 16-Mar-2005

**Deutsche Physikalische Gesellschaft, Annual Spring Meeting**

Jungmann, K.-P. (Invited speaker)

4-Mar-2005 → 9-Mar-2005

**European Plans for Hadron Accelerators**

Jungmann, K.-P. (Invited speaker)

2-Mar-2005 → 5-Mar-2005

**Beta Beam Workshop**

Jungmann, K.-P. (Keynote speaker)

17-Jan-2005 → 18-Jan-2005

**Nuclear Physics European Collaboration Committee, NupeCC (External organisation)**

Jungmann, K.-P. (Member)

2001 → 2004

**Press clippings**

**50-foot physics experiment on the move**

Jungmann, K.-P. & Onderwater, G.

21/06/2013

1 item of Media coverage

**Behold the moving magnet – scientists taking giant device on 3,200-mile trip**

Jungmann, K.-P. & Onderwater, G.

18/06/2015

1 item of Media coverage

**Fermilab brings super magnet to life after 10 years**

Jungmann, K.-P. & Onderwater, G.

25/09/2015

1 item of Media coverage

**Fermilab Installs Huge Magnet For Dark Matter Experiment**

Jungmann, K.-P. & Onderwater, G.

01/08/2014

1 item of Media coverage

**Giant electromagnet ends circuitous month-long trip, arrives at Fermilab**

Jungmann, K.-P. & Onderwater, G.

26/07/2013

1 item of Media coverage

**Giant electromagnet to conclude its 3,200-mile journey on July 26**

Jungmann, K.-P. & Onderwater, G.

17/07/2013

1 item of Media coverage

**GPS nauwkeuriger dankzij laser en glasvezelkabels**

Jungmann, K.-P.

20/03/2012

1 Media contribution

**Grondtemperatuur beïnvloedt nauwkeurigheid netwerkijd**

Jungmann, K.-P.

26/02/2015

1 Media contribution

**Grondtemperatuur van invloed op glasvezel**

Jungmann, K.-P.

26/02/2015

1 Media contribution

**In Subatomic Tracking, Clues to the Unseen Universe**

Jungmann, K.-P.

09/01/2004

1 item of Media coverage

**In Subatomic Tracking, Clues to the Unseen Universe**

Jungmann, K.-P.

09/01/2004

1 Media contribution

**Massive magnet moves into home at Fermilab**

Jungmann, K.-P. & Onderwater, G.

30/07/2014

1 item of Media coverage

**Muon g-2 magnet successfully cooled down and powered up**

Jungmann, K.-P. & Onderwater, G.

09/11/2016

1 item of Media coverage

**Muon g-2 storage ring starts a new life**

Jungmann, K.-P. & Onderwater, G.

27/10/2014

1 item of Media coverage

**Muons' big moment could fuel new physics**

collaboration, M.G.-2. & Jungmann, K.-P.

11/04/2017

1 item of Media coverage

**Particle physics: Two is the magic number**

collaboration, M.G.-2., Jungmann, K.-P. & Onderwater, C.

19/02/2004

1 item of Media coverage

**Particle Storage Ring To Move From New York's Brookhaven Lab To Fermilab In Illinois**

Jungmann, K.-P.

09/05/2013

1 item of Media coverage

**Preparing for their magnetic moment**

Jungmann, K.-P.

28/06/2016

1 item of Media coverage

**Revolutionary Muon Experiment to Begin With 3,200-mile Move of 50-Foot-Wide Particle Storage Ring**

Jungmann, K.-P. & Onderwater, G.

08/05/2013

1 item of Media coverage

**RuG onderzoekt super nauwkeurig navigatiesysteem**

Jungmann, K.-P.

01/03/2012

1 Media contribution

**Slideshow: Muon g-2 ring takes final steps to new home**

Jungmann, K.-P.

01/08/2014

1 Media contribution

**Slow antiprotons galore**

Jungmann, K.-P.

23/08/2005

1 item of Media coverage

**Spin time in Italy**

Jungmann, K.-P.

01/03/2005

1 item of Media coverage

**Studies Suggest Unknown Form of Matter Exists**

Jungmann, K.-P.

31/07/2002

1 item of Media coverage

**Surfnet researchers measure temperature effect on fibre**

Jungmann, K.-P.

27/02/2015

1 Media contribution

**The high-intensity frontier**

Jungmann, K.-P.

06/09/2004

1 item of Media coverage

**The Muon G-2 Superconducting Electromagnet Journey and Its Arrival at Fermi National Accelerator Laboratory In Batavia**

Jungmann, K.-P. & Onderwater, G.

27/07/2016

1 item of Media coverage