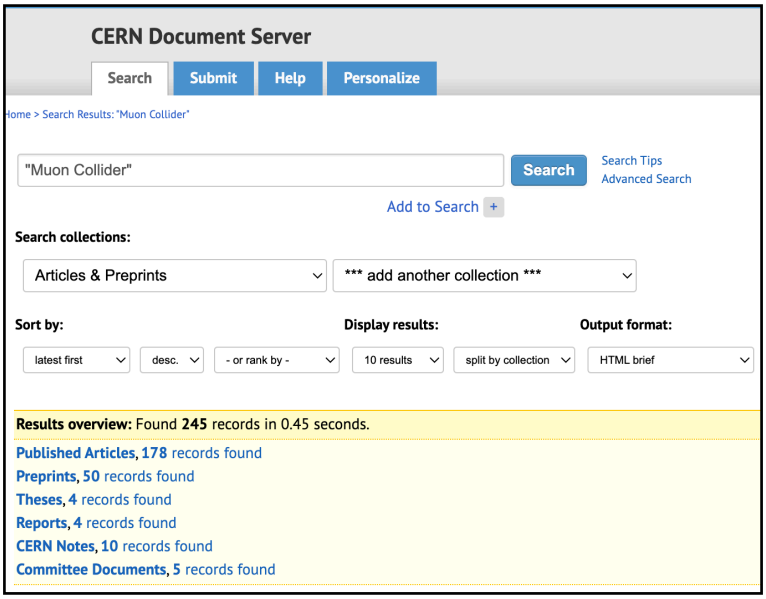
CONTENTS:
I) All the information I collected
II) Proposed chronological appearance of IMCC-tagged documents on CDS

I) All the information I collected:

1) I went through the CDS papers (as of 08/08/23) at https://cds.cern.ch/search?ln=en&p=%22Muon+Collider%22&action_search=Search&op1=a&m1=a&p1=&f1=&c=Articles+%26+Preprints&sf=&so=d&rm=&rg=10&sc=1&of=hb



=> **Here are the CDS documents which need to be tagged IMCC (as of 08/08/23)** => Considering that IMCC started in 2021 (following discussion with DanielS, it was interim for a while but the budget in MTP was in 2021 => So I consider IMCC started on 01/01/2021)

1) Published Articles (178 records found)

1) #4: E. Fol et al., Automated Design and Optimization of the Final Cooling for a Muon Collider (https://cds.cern.ch/record/2845865/files/document.pdf), IPAC'22, 12-17/06/2022.
2) #5: D. Calzolari et al., Radiation Load Studies for Superconducting Dipole Magnets in a 10 TeV Muon Collider (https://cds.cern.ch/record/2845834/files/document.pdf), IPAC'22, 12-17/06/2022.
3) #6: D. Schulte, The Muon Collider / Schulte (https://cds.cern.ch/record/2845832/files/document.pdf), IPAC'22, 12-17/06/2022.
4) #7: F. Saura et al., Muon Collider Graphite Target Studies and Demonstrator Layout Possibilities at CERN (https://cds.cern.ch/record/2845829/files/document.pdf), IPAC'22, 12-17/06/2022.
5) #8: K. Skoufaris et al., 10 TeV Center of Mass Energy Muon Collider (https://cds.cern.ch/record/2845810/files/document.pdf), IPAC'22, 12-17/06/2022.
6) #16: D. Schulte, The International Muon Collider Collaboration / Schulte (https://cds.cern.ch/record/2809175/files/document.pdf), IPAC'21, 24-28/05/2021.
7) #17: D. Schulte et al., Chapter 5 (in ESPP - Accel. R&D Roadmap, pp.145-183): Bright muon beams and muon colliders (https://cds.cern.ch/record/2806289/files/document.pdf), https://arxiv.org/abs/2201.07895, 30/03/2022 (v3).
8) Good references: #1-3,9-15,18-48,50-113,115-178

2) Preprints (50 records found)

1) #2: C. Accettura et al., Towards a Muon Collider (https://cds.cern.ch/record/2852695/files/2303.08533.pdf), https://arxiv.org/abs/2201.07895, 15/03/2023.
2) #4: C. Aimè et al., Promising Technologies and R&D Directions for the Future Muon Collider Detectors (https://cds.cern.ch/record/2847513/files/2203.07224.pdf), 15/03/2022.

3) #5: C. Aimè et al., A Muon Collider Facility for Physics Discovery (https://cds.cern.ch/record/2827205/files/1d831c5ff49dc5c77ab54a52485f652b.pdf), 01/04/2022.
4) #7: C. Aimè et al., Simulated Detector Performance at the Muon Collider (https://cds.cern.ch/record/2824768/files/e5c967a3a3736521213de69827fd0b8c.pdf), 16/03/2022.
5) #9: C. Aimè et al., The physics case of a 3 TeV muon collider stage (https://cds.cern.ch/record/2811640/files/jt.pdf), 15/03/2022.
6) #10: C. Aimè et al., Muon Collider Physics Summary (https://cds.cern.ch/record/2811638/files/jt.pdf), 15/03/2022.
7) #11: L. Bottura et al., A Work Proposal for a Collaborative Study of Magnet Technology for a Future Muon Collider (https://cds.cern.ch/record/2806670/files/2203.13998.pdf), 29/03/2022.
8) Good references: #3,6,8,12-17,20-43, 45-50

3) Theses (4 records found)
1) #1: Bernd Stechauner, Final cooling scheme for muon colliders: a door opener for future discovery machines (https://cds.cern.ch/record/2804902/files/CERN-THESIS-2021-304.pdf), 01/12/2021.
2) Good references: #2,3

4) Reports (4 records found)
1) None
2) Good references: #1,2,4

5) CERN Notes (10 records found)
1) None
2) Good references: #1-10

6) Committee Documents (5 records found)
1) None
2) Good reference: #3

2) We need to add also the contributions to conferences and workshops

1) IPAC-22 (https://accelconf.web.cern.ch/ipac2022/), 12-17/06/2022
1) K. Skoufaris et al., 10 TeV CENTER OF MASS ENERGY MUON COLLIDER => Appears already on CDS (see above: https://cds.cern.ch/record/2845810/files/document.pdf), IPAC'22, 12-17/06/2022.
2) Daniel Schulte, THE MUON COLLIDER => Appears already on CDS (see above: https://accelconf.web.cern.ch/ipac2022/papers/tuizsp2.pdf), IPAC'22, 12-17/06/2022.
3) D. Calzolari et al., RADIATION LOAD STUDIES FOR SUPERCONDUCTING MAGNETS IN A 10 TeV MUON COLLIDER => Appears already on CDS (see above: https://cds.cern.ch/record/2845834/files/document.pdf), IPAC'22, 12-17/06/2022.
4) E. Fol et al., MACHINE LEARNING-BASED MODELING OF MUON BEAM IONIZATION COOLING (https://accelconf.web.cern.ch/ipac2022/papers/wepoms046.pdf), IPAC'22, 12-17/06/2022.
5) E. Fol et al., AUTOMATED DESIGN AND OPTIMIZATION OF THE FINAL COOLING FOR A MUON COLLIDER => Appears already on CDS (see above: https://cds.cern.ch/record/2845865/files/document.pdf), IPAC'22, 12-17/06/2022.
6) F. J. Saura et al., MUON COLLIDER GRAPHITE TARGET STUDIES AND DEMONSTRATOR LAYOUT POSSIBILITIES AT CERN => Appears already on CDS (see above: https://cds.cern.ch/record/2845829/files/document.pdf), IPAC'22, 12-17/06/2022.

2) IPAC-23 (https://www.ipac23.org/preproc/pdf/41_proceedings_volume.pdf), 07-12/05/2023
1) D. Calzolari et al., LATTICE AND DETECTOR STUDIES FOR THE MDI OF A 10 TEV MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPA090.pdf), IPAC'23, 07-12/05/2023.
2) K. Skoufaris et al., FIRST DESIGN OF A 10 TeV CENTRE OF MASS ENERGY MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPL064.pdf), IPAC'23, 07-12/05/2023.
3) A. Chancé et al., PARAMETER RANGES FOR A CHAIN OF RAPID CYCLING SYNCHROTRONS FOR A MUON COLLIDER COMPLEX (https://www.ipac23.org/preproc/pdf/MOPL162.pdf), IPAC'23, 07-12/05/2023.

4) B. Stechauner et al., THERMODYNAMIC CHARACTERISTICS OF HYDROGEN IN AN IONIZATION COOLING CHANNEL FOR MUON COLLIDERS (https://www.ipac23.org/preproc/pdf/MOPL163.pdf), IPAC'23, 07-12/05/2023.
5) B. Stechauner et al., COMPARISON OF TRACKING CODES FOR BEAM-MATTER INTERACTION (https://www.ipac23.org/preproc/pdf/MOPL165.pdf), IPAC'23, 07-12/05/2023.
6) C. Carli et al., NEUTRINO GENERATED RADIATION FROM A HIGH ENERGY MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPL166.pdf), IPAC'23, 07-12/05/2023.
7) F. Batsch et al., LONGITUDINAL BEAM DYNAMICS AND RF REQUIREMENTS FOR A CHAIN OF MUON RCSs (https://www.ipac23.org/preproc/pdf/TUPA040.pdf), IPAC'23, 07-12/05/2023.
8) D. Amorim et al., TRANSVERSE IMPEDANCE AND BEAM STABILITY STUDIES FOR THE MUON COLLIDER RING (https://www.ipac23.org/preproc/pdf/WEPL185.pdf), IPAC'23, 07-12/05/2023.
9) D. Amorim et al., TRANSVERSE IMPEDANCE AND BEAM STABILITY STUDIES FOR THE MUON COLLIDER RAPID CYCLING SYNCHROTRONS (https://www.ipac23.org/preproc/pdf/WEPL186.pdf), IPAC'23, 07-12/05/2023.
10) S. Fabbri et al., MAGNETS FOR A MUON COLLIDER (https://www.ipac23.org/preproc/pdf/WEPM062.pdf), IPAC'23, 07-12/05/2023.
11) F. Boattini et al., A TWO HARMONICS CIRCUIT FOR THE POWERING OF THE VERY FAST RCS (RAPID CYCLING SYNCHROTRON) OF THE MUON COLLIDER ACCELERATOR (https://www.ipac23.org/preproc/pdf/WEPM078.pdf), IPAC'23, 07-12/05/2023.
12) A. Latina et al., UPDATE OF THE RF-TRACK PARTICLE TRACKING CODE (https://www.ipac23.org/preproc/pdf/WEPL151.pdf), IPAC'23, 07-12/05/2023.

3) Other conferences and/or workshops? => Please send me any other paper I am not aware of.

3) We need to add also the contributions received by emails
   1) From LucaB on 09/07/23: Master thesis of Jonathan Pavan (submitted end of July 2023)
   2) From LucaB on 08/07/23: L. Bottura et al., Design and analysis of a HTS internally cooled cable for the Muon Collider target magnet => In review, with Cryogenics, awaiting comments from the reviewers (as of 06/08/23)
   3) From ChrisR on 30/08/23: C. Rogers, A Demonstrator for Muon Ionisation Cooling, Phys. Sci. Forum 2023, 8(1), 37 (https://doi.org/10.3390/psf2023008037), published on 11/08/2023
4) Important papers which contributed to make IMCC possible
   1) J.P. Delahaye et al., Muon Colliders (Input to the European Particle Physics Strategy Update by the Muon Collider Working Group), https://arxiv.org/abs/1901.06150, 18/01/2019.
   2) M. Boscolo et al., The future prospects of muon colliders and neutrino factories, https://arxiv.org/abs/1808.01858, 28/03/2019 (v2).
   3) D. Schulte et al., Muon Collider. A Path to the Future?, European Physical Society Conference on High Energy Physics - EPS-HEP2019 - 10-17/07/2019, Ghent, Belgium, https://indico.cern.ch/event/867138/attachments/1954116/3245304/Muon_Collider_EPS_2019.pdf.
   4) Long, K.R., Lucchesi, D., Palmer, M.A. et al. Muon colliders to expand frontiers of particle physics. Nat. Phys. 17, 289–292 (2021). https://doi.org/10.1038/s41567-020-01130-x. Published 28 January 2021, Issue Date March 2021.
5) Others? => Please send me any other paper I am not aware of.

II) Proposed chronological appearance of IMCC-tagged documents on CDS:

1) J.P. Delahaye et al., Muon Colliders (Input to the European Particle Physics Strategy Update by the Muon Collider Working Group), https://arxiv.org/abs/1901.06150, 18/01/2019.
2) M. Boscolo et al., The future prospects of muon colliders and neutrino factories, https://arxiv.org/abs/1808.01858, 28/03/2019 (v2).
3) D. Schulte et al., Muon Collider. A Path to the Future?, European Physical Society Conference on High Energy Physics - EPS-HEP2019, Ghent, Belgium, https://indico.cern.ch/event/867138/attachments/1954116/3245304/Muon_Collider_EPS_2019.pdf, 10-17/07/2019.

4) Long, K.R., Lucchesi, D., Palmer, M.A. et al. Muon colliders to expand frontiers of particle physics. Nat. Phys. 17, 289–292 (2021). https://doi.org/10.1038/s41567-020-01130-x. Published 28 January 2021, Issue Date March 2021.
5) D. Schulte, The International Muon Collider Collaboration / Schulte (https://cds.cern.ch/record/2809175/files/document.pdf), IPAC'21, 24-28/05/2021.
6) Bernd Stechauner, Final cooling scheme for muon colliders: a door opener for future discovery machines (https://cds.cern.ch/record/2804902/files/CERN-THESIS-2021-304.pdf), 01/12/2021.
7) C. Aimè et al., Promising Technologies and R&D Directions for the Future Muon Collider Detectors (https://cds.cern.ch/record/2847513/files/2203.07224.pdf), 15/03/2022.
8) C. Aimè et al., Muon Collider Physics Summary (https://cds.cern.ch/record/2811638/files/jt.pdf), 15/03/2022.
9) C. Aimè et al., The physics case of a 3 TeV muon collider stage (https://cds.cern.ch/record/2811640/files/jt.pdf), 15/03/2022.
10) C. Aimè et al., Simulated Detector Performance at the Muon Collider (https://cds.cern.ch/record/2824768/files/e5c967a3a3736521213de69827fd0b8c.pdf), 16/03/2022.
11) L. Bottura et al., A Work Proposal for a Collaborative Study of Magnet Technology for a Future Muon Collider (https://cds.cern.ch/record/2806670/files/2203.13998.pdf), 29/03/2022.
12) D. Schulte et al., Chapter 5 (in ESPP - Accel. R&D Roadmap, pp.145-183): Bright muon beams and muon colliders (https://cds.cern.ch/record/2806289/files/document.pdf), https://arxiv.org/abs/2201.07895, 30/03/2022 (v3).
13) C. Aimè et al., A Muon Collider Facility for Physics Discovery (https://cds.cern.ch/record/2827205/files/1d831c5ff49dc5c77ab54a52485f652b.pdf), 01/04/2022.
14) E. Fol et al., Automated Design and Optimization of the Final Cooling for a Muon Collider (https://cds.cern.ch/record/2845865/files/document.pdf), IPAC'22, 12-17/06/2022.
15) E. Fol et al., MACHINE LEARNING-BASED MODELING OF MUON BEAM IONIZATION COOLING (https://accelconf.web.cern.ch/ipac2022/papers/wepoms046.pdf), IPAC'22, 12-17/06/2022.
16) D. Calzolari et al., Radiation Load Studies for Superconducting Dipole Magnets in a 10 TeV Muon Collider (https://cds.cern.ch/record/2845834/files/document.pdf), IPAC'22, 12-17/06/2022.
17) D. Schulte, The Muon Collider / Schulte (https://cds.cern.ch/record/2845832/files/document.pdf), IPAC'22, 12-17/06/2022.
18) F. Saura et al., Muon Collider Graphite Target Studies and Demonstrator Layout Possibilities at CERN (https://cds.cern.ch/record/2845829/files/document.pdf), IPAC'22, 12-17/06/2022.
19) K. Skoufaris et al., 10 TeV Center of Mass Energy Muon Collider (https://cds.cern.ch/record/2845810/files/document.pdf), IPAC'22, 12-17/06/2022.
20) C. Accettura et al., Towards a Muon Collider (https://cds.cern.ch/record/2852695/files/2303.08533.pdf), https://arxiv.org/abs/2201.07895, 15/03/2023.
21) D. Calzolari et al., LATTICE AND DETECTOR STUDIES FOR THE MDI OF A 10 TEV MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPA090.pdf), IPAC'23, 07-12/05/2023.
22) K. Skoufaris et al., FIRST DESIGN OF A 10 TeV CENTRE OF MASS ENERGY MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPL064.pdf), IPAC'23, 07-12/05/2023.
23) A. Chancé et al., PARAMETER RANGES FOR A CHAIN OF RAPID CYCLING SYNCHROTRONS FOR A MUON COLLIDER COMPLEX (https://www.ipac23.org/preproc/pdf/MOPL162.pdf), IPAC'23, 07-12/05/2023.
24) B. Stechauner et al., THERMODYNAMIC CHARACTERISTICS OF HYDROGEN IN AN IONIZATION COOLING CHANNEL FOR MUON COLLIDERS (https://www.ipac23.org/preproc/pdf/MOPL163.pdf), IPAC'23, 07-12/05/2023.
25) B. Stechauner et al., COMPARISON OF TRACKING CODES FOR BEAM-MATTER INTERACTION (https://www.ipac23.org/preproc/pdf/MOPL165.pdf), IPAC'23, 07-12/05/2023.
26) C. Carli et al., NEUTRINO GENERATED RADIATION FROM A HIGH ENERGY MUON COLLIDER (https://www.ipac23.org/preproc/pdf/MOPL166.pdf), IPAC'23, 07-12/05/2023.
27) F. Batsch et al., LONGITUDINAL BEAM DYNAMICS AND RF REQUIREMENTS FOR A CHAIN OF MUON RCSs (https://www.ipac23.org/preproc/pdf/TUPA040.pdf), IPAC'23, 07-12/05/2023.
28) D. Amorim et al., TRANSVERSE IMPEDANCE AND BEAM STABILITY STUDIES FOR THE MUON COLLIDER RING (https://www.ipac23.org/preproc/pdf/WEPL185.pdf), IPAC'23, 07-12/05/2023.

29) D. Amorim et al., TRANSVERSE IMPEDANCE AND BEAM STABILITY STUDIES FOR THE MUON COLLIDER RAPID CYCLING SYNCHROTRONS (https://www.ipac23.org/preproc/pdf/WEPL186.pdf), IPAC'23, 07-12/05/2023.
30) S. Fabbri et al., MAGNETS FOR A MUON COLLIDER (https://www.ipac23.org/preproc/pdf/WEPM062.pdf), IPAC'23, 07-12/05/2023.
31) F. Boattini et al., A TWO HARMONICS CIRCUIT FOR THE POWERING OF THE VERY FAST RCS (RAPID CYCLING SYNCHROTRON) OF THE MUON COLLIDER ACCELERATOR (https://www.ipac23.org/preproc/pdf/WEPM078.pdf), IPAC'23, 07-12/05/2023.
32) A. Latina et al., UPDATE OF THE RF-TRACK PARTICLE TRACKING CODE (https://www.ipac23.org/preproc/pdf/WEPL151.pdf), IPAC'23, 07-12/05/2023.
33) J. Pavan, Study of optimized HTS solenoid configurations for the beam cooling of a Muon Collider, Master Thesis, July 2023.
34) C. Rogers, A Demonstrator for Muon Ionisation Cooling, Phys. Sci. Forum 2023, 8(1), 37 (https://doi.org/10.3390/psf2023008037), published on 11/08/2023.
35) L. Bottura et al., Design and analysis of a HTS internally cooled cable for the Muon Collider target magnet, submitted to CHATS special issue (still in review as of 06/08/23).