

SAMOFAR Publication List

(updated 18.01.2017)

1. Eradus, Wim (author), Jan Leen Kloosterman (interview), *Veilige energie met thoriumreactor*, Reformatorisch Dagblad, Apr 29, 2015.
2. Kloosterman, Jan Leen and other nuclear society chairmen, CLIMATE: 39 Nuclear Associations Collaborate, *Nuclear4Climate*, ICAPP, Nice, 3-6 May (2015). [Photos](#), [Video](#).
http://www.sfen.org/sites/default/files/public/atoms/files/press_release_icapp_2015_1.pdf
<https://www.flickr.com/photos/120990791@N02/sets/72157648631228479/with/16917986615/>
<https://www.youtube.com/watch?v=-arGtYlrbwY&feature=youtu.be>
3. Kloosterman, Jan Leen, [Pleidooi voor onderzoek naar geheel nieuwe vorm van kernenergie](#), FluxEnergie.nl, 1 juli (2015).
<http://www.fluxenergie.nl/pleidooi-voor-onderzoek-naar-geheel-nieuwe-vorm-van-kernenergie/>
4. Press release sent to Dutch Physics and Chemical Societies, Publishers of popular magazines and Partners.
<http://samofar.eu/wp-content/uploads/2015/11/Press-release-SAMOFAR-kick-off.pdf>
5. Martin. Richard (MIT), Jan Leen Kloosterman (interview), [Meltdown-Proof Nuclear Reactors Get a Safety Check in Europe](#), MIT Technology Review, 4 Sep (2015).
<http://www.technologyreview.com/news/540991/meltdown-proof-nuclear-reactors-get-a-safety-check-in-europe/>
6. David Dalton (NUCNET), [Molten Salt Reactor Research Programme Begins In Europe](#), NUCNET **176**, 7 Sep (2015).
[Pdf](#).
<http://www.nucnet.org/all-the-news/More?skip=500> (upon Login)
7. Anne Blair Gold, Jan Leen Kloosterman (interview), [Are molten salt nuclear reactors safer and cleaner?](#), Delta, TU Delft, 22 Sep (2015).
<http://delta.tudelft.nl/article/are-molten-salt-nuclear-reactors-safer-and-cleaner/30442>
8. Roel van der Heijden, Jan Leen Kloosterman (interview), [Weg met de meltdown én het plutonium - Kernenergie opnieuw uitvinden, maar dan beter](#), Kennislink.nl, 2 Okt (2015).
<http://www.kennislink.nl/publicaties/weg-met-de-meltdown-en-het-plutonium>
9. [Interview by Jan Leen Kloosterman about Molten Salt Reactors](#) by the Dutch news broadcast 'Een Vandaag', Nov 5, 2015
https://www.youtube.com/watch?v=OW8OZ8P6_1c
10. Jiri Krepel, [SAMOFAR – A Paradigm Shift in Reactor Safety with the Molten Salt Fast Reactor](#), oral presentation at Thorium Energy Conference 2015 (ThEC15), Bhabha Atomic Research Centre, Mumbai, India, Oct 12-15, 2015
Presentation (PDF):
https://thec15.hbni.ac.in/presentation/A%20paradigm%20shift%20in%20nuclear%20reactor%20safety%20with%20the%20Molten%20Salt%20Reactor_Krepel.pdf
Presentation (video):
<https://www.youtube.com/watch?v=W93xhNoWTVI&feature=youtu.be>
All speeches web page: <http://www.thec15.thoriumenergyconference.org/>
11. [‘Europe has a Thorium MSR Project – SAMOFAR’](#), News item on IThEO.org, Apr 17 2015
<http://www.itheo.org/articles/europe-has-thorium-msr-project-samofar>
12. [Can Europe be the first to build an MSR reactor?](#), News item on IThEO.org, Nov 25, 2015
<http://www.itheo.org/articles/can-europe-be-first-build-msr-reactor>

13. [*Thorium seen as nuclear's new frontier*](#), Science Mag, Vol 350 No 6262, Nov 2015, p. 726-727.
<http://science.sciencemag.org/content/350/6262/726.full>
14. [*Safety Assessment of the Molten Salt Fast Reactor – SAMOFAR*](#), Chapter in Thorium Energy Report, 2015
15. [*Het vuur van Thor*](#), Bits&Chips 9, Nov/Dec 2015, p.3 (Opinion; in dutch)
16. [*De \(bijna\) vergeten nucleaire optie*](#), Bits&Chips 9, Nov/Dec 2015, p. 36-39 (Theme; in Dutch)
17. Thorium, een duurzame vorm van kernenergie, Jan Leen Kloosterman interviewed by Dutch NPO Radio 1 'De Morgen', Feb 5, 2016
<http://www.radio1.nl/item/342387-Thorium,%20een%20duurzame%20vorm%20van%20kernenergie.html#>
18. Koks, Iris, Melting behaviour of the freeze plug in a molten salt fast reactor, BSc thesis, July 2016 ([PDF](#))
19. Van den Bergh, Olivier, Passive emergency drainage of the Molten Salt Fast Reactor, BSc thesis, July 2016 ([PDF](#))
20. Lantzios, Ioannis Molten Salt Fast Reactor: Shift from Burner to Breeder, MSc thesis, February 2016 ([PDF](#))
21. Swaroop, Parth, Design of a Freeze Plug for the Molten Salt Fast Reactor (MSFR), MSc thesis, August 2016 ([PDF](#))
22. Benes, O. and J.L. Kloosterman, Molten Salt Reactor Workshop 2016 'Moving MSRs Forward - The Next Steps', October 4-5, 2016
23. Wang, Shisheng, Mattia Massone, Andrei Rineiski and E. Merle-Lucotte, Analytical Investigation of the Draining System for a Molten Salt Fast Reactor, paper no. N11A0341 presented at The 11th International Topical Meeting on Nuclear Reactor Thermal Hydraulics, Operation and Safety (NUTHOS-11), Gyeongju, Korea, October 9-13, 2016, 11 p. ([PDF](#))
24. Pettersen, Eirik Eide, Coupled multi-physics simulations of the Molten Salt Fast Reactor using coarse-mesh thermal-hydraulics and spatial neutronics, MSc thesis, September 2016 ([PDF](#))
25. Anna Chiara Uggenti , Andrea Carpignano, Sandra Dulla, Delphine Gérardin , Elsa Merle, Daniel Heuer, Axel Laureau, Michel Allibert, "Preliminary functional safety assessment for molten salt fast reactors in the framework of the SAMOFAR project", abstract submitted to the International Topical Meeting on Probabilistic Safety Assessment and Analysis (PSA2017), Pittsburgh PA, USA, September 24-28, 2017