

# Call for Abstracts Involving Technical and Clinical Advances

Implant Research Center of Drexel University

The organizers of the 6th International UHMWPE Meeting — [University of Torino](#) [1], [Implant Research Center of Drexel University](#) [2] and [Exponent](#) [3] — are inviting authors to submit presentation proposals on advancements in medical grade ultra-high-molecular-weight polyethylene (UHMWPE) technology and clinical joint replacement applications prior to May 1.

Engineers, scientists, and clinicians from academia and industry are invited to present leading edge research during the [6th International UHMWPE Meeting](#) [4] from October 10 to 11, Thursday and Friday, at the [Congress Center "Unione Industriale"](#) [5] in central Torino, Italy.

Sponsored by [Ticona](#) [6], the engineering polymers business of [Celanese Corporation](#) [6] that is the world's leading producer of UHMWPE under the trade name [GUR](#) [7], the meeting will focus on clinical and retrieval studies of standard, crosslinked, and stabilized UHMWPE with a special emphasis on:

- Performance of thin acetabular liners and knee arthroplasty
- Advances in Vitamin E and new antioxidant technologies for UHMWPE
- Structural composites and woven fiber applications of medical grade UHMWPE
- Advances in biologic aspects of UHMWPE wear debris incorporating Vitamin E

GUR UHMWPE is an extremely versatile polymer that has become the material of choice for joint replacements with high functionality over a long usage life thanks to its excellent combination of properties: biocompatibility, high abrasion resistance, impact strength, fatigue resistance and crack resistance.

An [abstract template](#) [8] is available for download. Once completed, submitters can email their abstracts no later than May 1 to [Steve Kurtz](#) [9]. Abstracts submitted after this date may not be considered for inclusion in the meeting. Abstracts will be evaluated by the Scientific Committee for inclusion in the program, either as a podium talk or as a poster presentation.

The 6th International UHMWPE Meeting will address key questions:

- How far can we push the envelope with HXLPE in THA? When does thin become TOO thin?
- Does clinical and retrieval data support the use of HXLPE in TKA?

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- Which are the most promising antioxidants for medical grade UHMWPE?
- What new additive technologies have recently emerged for HXLPE?
- Do antioxidants improve the biocompatibility of UHMWPE debris?

The UHMWPE meeting in Torino is co-organized in collaboration with the Combined Meeting of the Orthopaedic Research Societies ([CORS 2013](#) [10]), which will be held October 13 to 16, Sunday through Wednesday, in nearby Venice.

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<http://www.mdtmag.com/news/2013/04/call-abstracts-involving-technical-and-clinical-advances>

### Links:

[1]

[http://www.unito.it/unitoWAR/page/unito/home\\_en/P34609334691252602657885](http://www.unito.it/unitoWAR/page/unito/home_en/P34609334691252602657885)

[2] <http://www.biomed.drexel.edu/implantcenter/>

[3] <http://www.exponent.com/>

[4] <http://www.uhmwpe.org/>

[5] [http://www.ccui.it/dove\\_siamo](http://www.ccui.it/dove_siamo)

[6] <http://www.celanese.com/ticona/ticona.aspx>

[7] <http://www.celanese.com/ticona/products/gur-uhmw-pe.aspx>

[8] [http://www.uhmwpe.org/pub\\_reports/view/2209](http://www.uhmwpe.org/pub_reports/view/2209)

[9] <mailto:skurtz@exponent.com>

[10] <http://www.cors2013.org/>