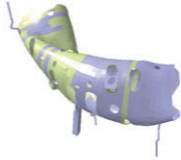




Kompliziert,
aber vielversprechend!

[Plasmagefäß]



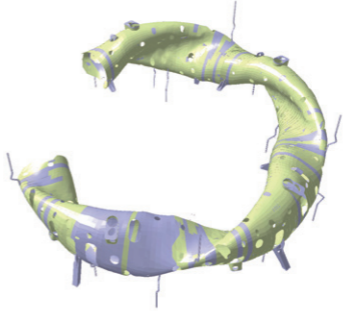
[Plasmagefäß]



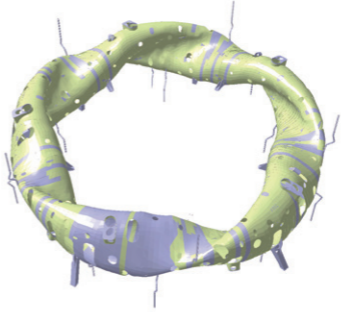
[Plasmagefäß]



[Plasmagefäß]



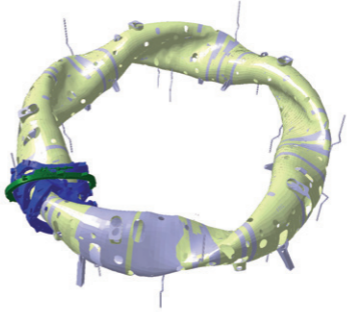
[Plasmagefäß]



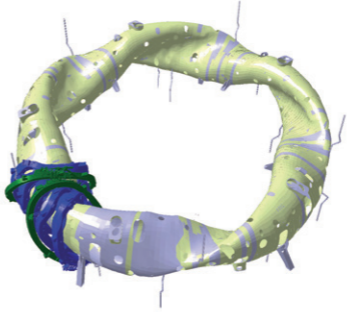
[Magnetspulen]



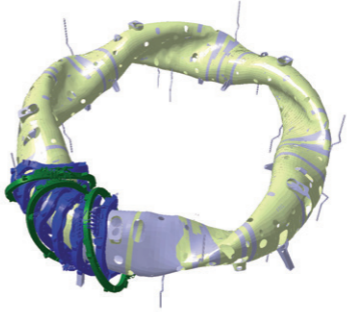
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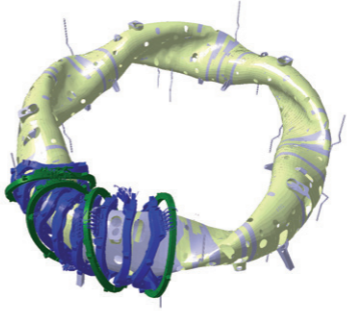
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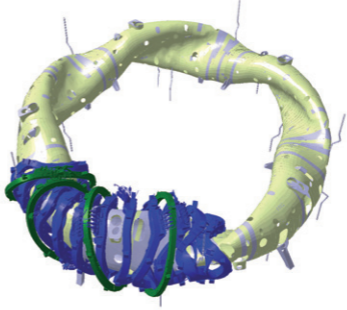
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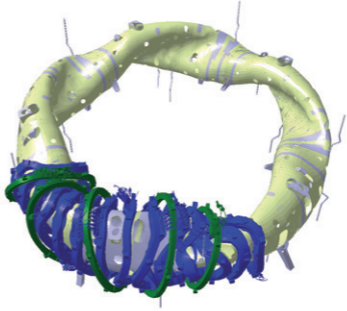
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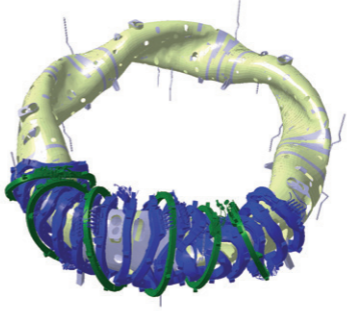
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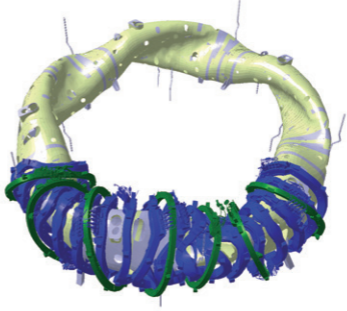
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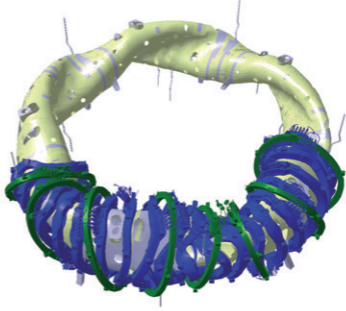
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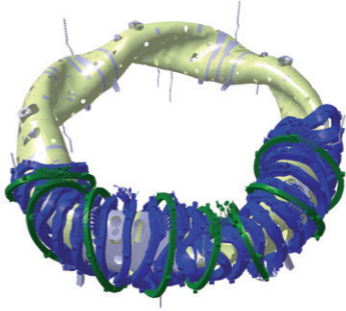
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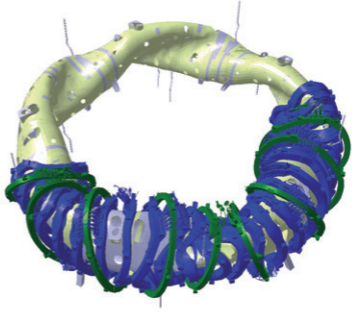
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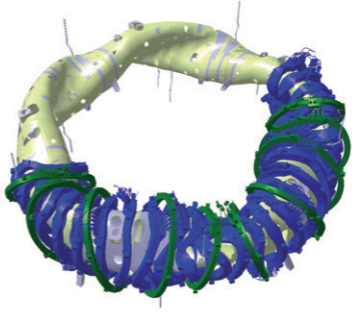
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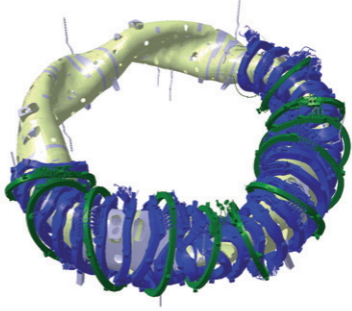
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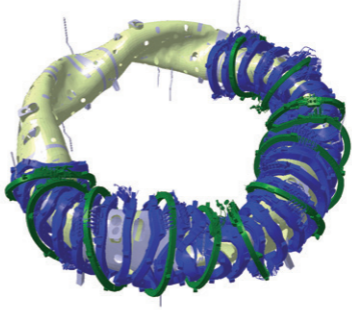
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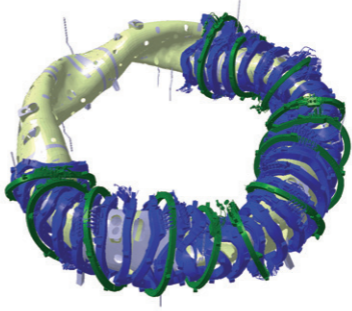
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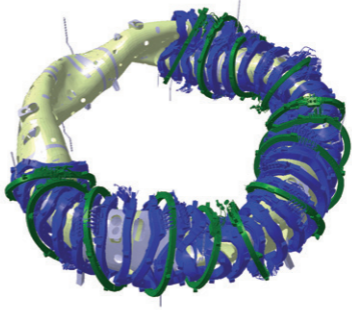
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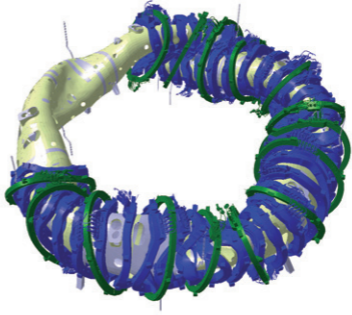
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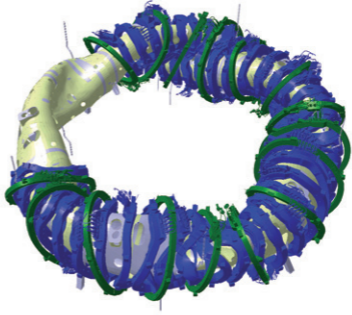
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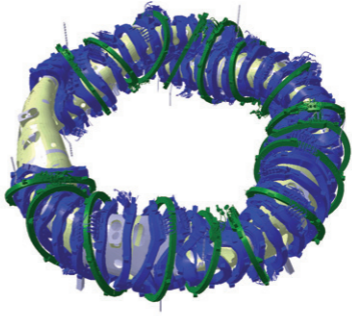
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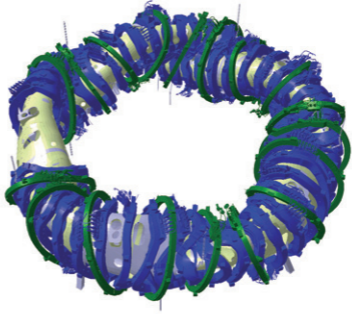
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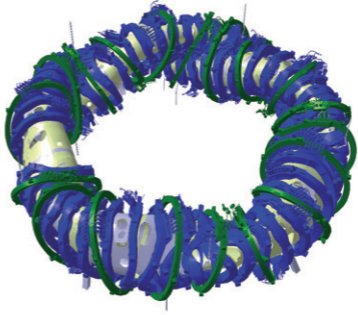
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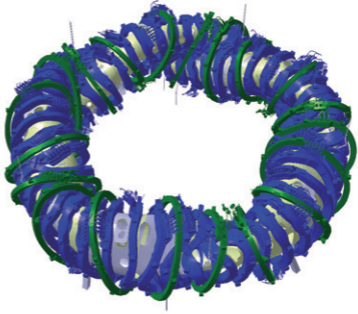
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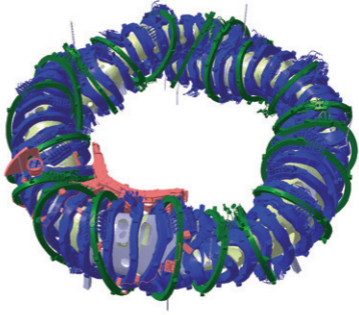
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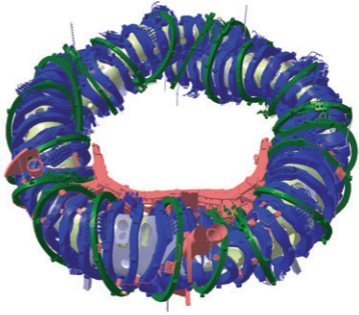
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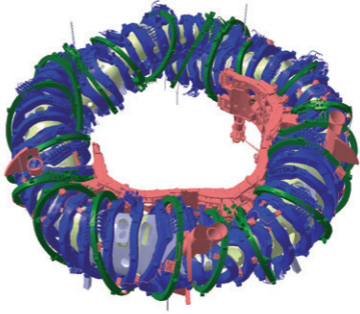
[Stützgerüst]



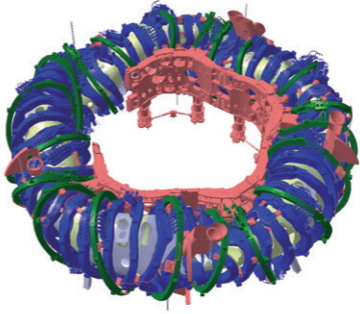
[Stützgerüst]



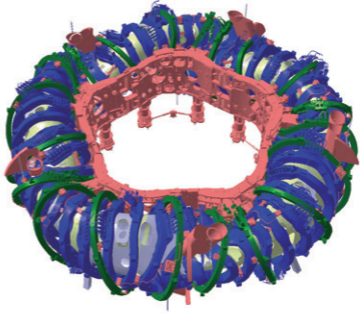
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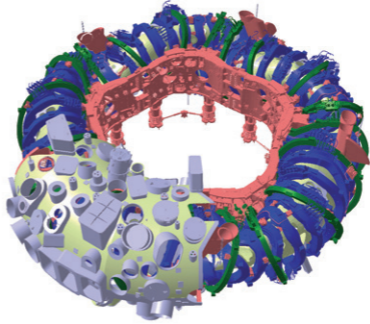
[Stützgerüst]



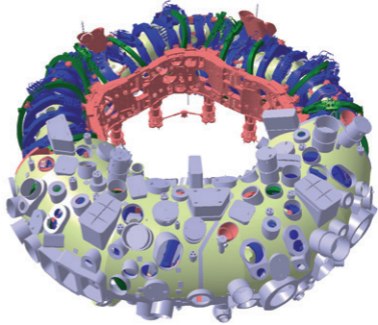
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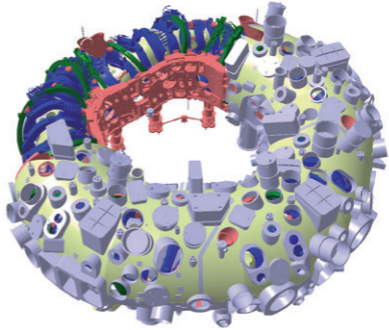
[Außenhülle mit Öffnungen
zum Beobachten des Plasmas]



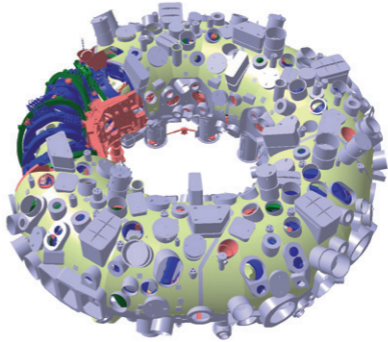
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zum Beobachten des Plasmas]



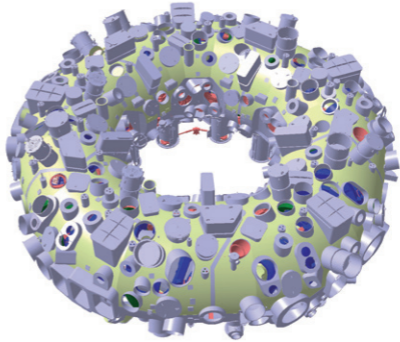
[Außenhülle mit Öffnungen
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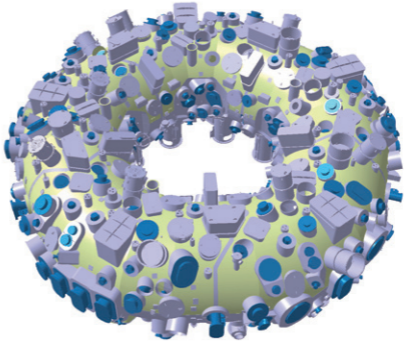
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zum Beobachten des Plasmas]



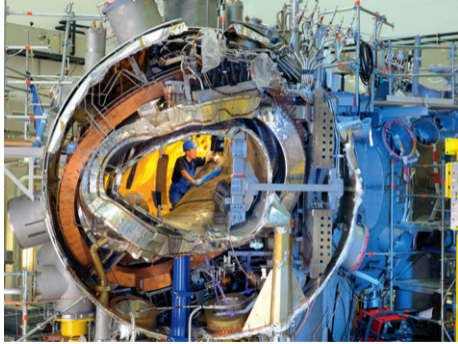
[Außenhülle mit Öffnungen
zum Beobachten des Plasmas]



[Außenhülle mit Öffnungen
zum Beobachten des Plasmas]



Redaktion: Julia Sieber | 2018 | 5. Auflage



Fünzig speziell geformte, supraleitende Magnetspulen erzeugen den magnetischen Käfig für das Plasma der Fusionsanlage **Wendelstein 7-X**, die seit 2015 im IPP-Teilinstitut in Greifswald in Betrieb ist. In den bizarren Spulenwindungen haben die Rechnungen der Forscher und Forscherinnen Gestalt gewonnen. Über zehn Jahre lang haben sie per Supercomputer nach einem möglichst dichten und stabilen Magnetfeldkäfig gesucht. Er soll Dauerbetrieb ermöglichen, wogegen andere Bautypen nur pulsweise arbeiten.

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Das Max-Planck-Institut für Plasmaphysik ist dem Europäischen Fusionsprogramm und der Helmholtz-Gemeinschaft Deutscher Forschungszentren assoziiert.