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Topical white paper

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Cover Letter

Following to your announcement entitled :

**Call to the Biological and Physical Sciences in Space Community for White Papers**

**THE NATIONAL ACADEMIES OF SCIENCES-ENGINEERING-MEDICINE**

I am honoured to write you in view to publish my white paper entitled :

**Appropriate Shoes to be used in Spatial Shuttles**

In waiting for a favourable response want, to accept my best greetings.

Signed : The author :

Miss Nouara Tinakiche

## **Appropriate Shoes to be used in Spatial Shuttles**

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Abstract: In this work we propose a model of shoes which can resist to the lack of gravity.

### **THE WHITE PAPER/**

To overcome the lack of gravity on shuttles especially during surgeries or other activities in spatial shuttles we need to fix feet on the floor of these shuttles. We will strongly need special shoes which resist and overcome to the low gravity on the moon for example. To realize this model of shoes we need to have in first a conductor or metallic floor (of iron) and realize electric shoes with a circuit allowing the generation of a magnetic field. This magnetic field with the metallic (made with iron) floor of the shuttle will allow to astronauts to fix their feet especially during surgeries. The astronauts will have to wear with these shoes a special wearing to avoid electric shocks.