# Research on radioactivity

#### **Treatment of Radioactive Waste**

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- Our task is proof of the principle and patenting of new methods in area of controlled decrease (reduction) of radioactivity.
- It is planned to produce experiments to investigate several methods to influence radioactivity decay. Important commercial aspect: We have to organize patenting and license sales to get profit. Customers of this technology are organizations in area of treatment of radioactive wastes.

### **Theoretical basis**

- This method use new understanding of matter and aether. We consider particles of matter as superposition of aether waves.
- Radioactivity is special state of matter particles.
- We can change state of matter by means of changes of aether density or aether waves.
- Area of treatment can be very large in the case of electromagnetic methods of generation of th waves.

### **Methods**

- Waves of density of aether are longitudinal waves.
- Generation of longitudinal waves is special area of electrodynamics (Poynting vector of density of energy flow).
- There are many other methods to create longitudinal waves of density of aether.

#### **Rotation of electric current coil**

 Prof. Butusov offered to rotate coil of wire powered with electric current. It was tested by Mr. Alexander V. Frolov, 2002 in Faraday Lab Ltd,. St.-Petersburg. Here is scheme of device.



### **Superconductor rotor**

 Experiments with rotating superconductor disk by Dr. Podkletnov demonstrated way to generation of gravimagnetic field. It is also rotation of electric current. It is also aether waves.



# **Rotation of ionized liquid**

- There is also electric current as rotation of ionized liquid (plasma). It is also rotating electric current according to Prof. Butusov's method.
- It was tested by Alexander V. Frolov in University, St.-Petersburg, 2006.
- Ionized liquid was created by cavitation method.
  Motor of 5 kW, 10 kg mass of liquid rotor.

## **Experimental results of 2006**

 Results of 10 hours process is 20% decrease of radioactivity in range about 10 meters. Tested in St.-Petersburg University with Faraday Lab Ltd, Alexander V. Frolov.



### **Electromagentic method**

 One more method to manage radioactivity level by means of changes of aether density is generation of Poynting energy flow.



# **Scheme of device**



Flow of aether can be created by means of this device. This method also generator Poynting energy flow by means of cross ExH fields in special material core.

This method was invented by Mr. Ivanov Patent RU 2172865.

# How it works

- All methods described above are related with controlled disturbance of aether.
- All matter is made of aether.
- Considering radioactivity of matter can be decreased by means of changes of aether density we can estimate influence radioactivity decay process.
- 20% reduction in 10 hours is fact. 100% effect in 50 hours process is estimated effect of our future experiment.

#### Investors

Looking for investor to organize experiments on this topic to patent this technology for commercial applications.



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