



The Abdus Salam  
**International Centre  
for Theoretical Physics**

The International Union of Geodesy and  
Geophysics



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## **Workshop on Geophysical Data Analysis and Assimilation**

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### **Surface Waves: Appendix 1**

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**Surface Waves: Appendix 1**

Now I will tell several words about the history of this branch of seismology. At the start of this branch of seismology I can see the Russian scientist Prince B.B. Golitsyn which 150<sup>th</sup> anniversary of birth was celebrated recently at the Assembly of the European Seismological Commission in Moscow, Russia. He, being much ahead of his time, created a remarkable electromagnetic seismometer, and investigated on its records the dispersion, amplitudes, and attenuation of surface waves. I show here the portraits of great scientists of the XIXth-XXth centuries which names are forever connected with development of the theory of surfaces waves and their applications in seismology.

**Our predecessors**



B.B. Golitsyn  
1862-1916  
Russia



Lord Rayleigh  
1842-1919  
UK



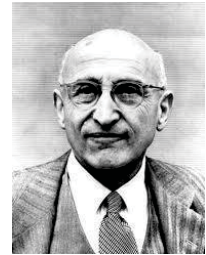
A.E. Love  
1863-1940  
UK



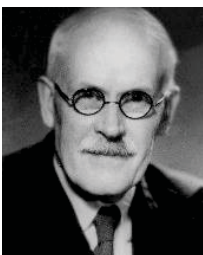
R. Stoneley  
1894-1976  
UK



J. Scholte  
1907-1970  
Holland



B. Gutenberg  
1889 –1960  
Germany-USA



H. Jeffreys  
1908-1993  
UK



M. Ewing  
1906-1974  
USA



C. Pekeris  
1908-1993  
USA-Israel



K. Aki  
1930-2005  
Japan-USA



A. Dahlen  
1942-2007  
USA



L. Knopoff  
1925-2011  
USA

I abstain from presenting portraits of brilliant living scientists which works in this field are very important, but still cannot not miss names of Frank Press, Vladimir Keilis-Borok, and Erhardt Wielandt who did so much for development of surface wave theory and practice .



F. Press  
USA



V. Keilis-Borok  
Russia-USA



E. Wielandt  
Germany