

Publikationen des
Naturwissenschaftlichen Forums

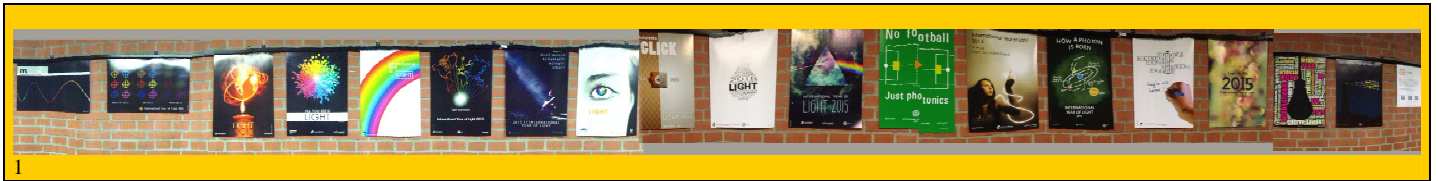
Final Report of the International Year of Light in Liechtenstein



Abstract:

From March 2014 until March 2016 plenty of activities related to International Year of Light 2015 were organized in Liechtenstein, principally lectures, exhibitions, stamp emissions and philatelic events.

March 2015



Lectures and Exhibitions:

Conferences and discussions were organized on different themes related to IYL, e.g. “Einstein’s contribution”; “Studying Astrophysics”, “Nature of light”, “Rays, waves, quanta- experiments to commemorate Al Hazen, Fresnel and annus mirabilis 1905”. There were audiences of different levels: once physicists, then students or artists, and, of course, the general public .

An exhibition about IYL with a collection of 18 posters was organized by students of the Liechtenstein Gymnasium, as well as a round table at the Integration club Real. There were plenty similar events in the other educational institutions of the Principality.

Our society published several papers related to the IYL in different languages. In 2015 we donated historic scientific material to the Electricity Museum in Triesen, which deals also with light-production through the ages.

<p>«Die Sonne bracht' es an den Tag» – diesen Titel trug Fritz Epples Vortrag am 25. November 2015 zum Internationalen Jahr des Lichts. Auf anschauliche Weise erklärte der Mathematik- und Physiklehrer die Überlegungen hinter der Relativitätstheorie. Genau vor 100 Jahren – am 25. November 1915 – hatte Einstein die Grundlagen der Relativitätstheorie in der Preussischen Akademie der Wissenschaften präsentiert. Wie genau es dazu kam und welche Hindernisse im Weg waren, stand im Fokus des Vortrags.</p> 	<p>Warum Astrophysik studieren?</p> <ul style="list-style-type: none"> • Interesse an den faszinierenden Objekten • Arbeiten mit Spitzentechnologien (Teleskopen, Supercomputern) • Besuch von abgelegenen Orten, die wenige Leute sehen • Konferenzen, Kollaborationen und Arbeitsplätze bringen einen um die Welt • Möglichkeit für neue Entdeckungen (ist der nächste Hubbleträger im Raum?) • Beitrag in der Suche nach den Geheimnissen des Universums <p><i>Vielen Dank fürs Zuhören!</i></p> 	<p>«Nun größte Sammlung der Region» Grosszügige Schenkung für Museum Lawena</p>  <p>Cyril Deicha (Präsident Naturwissenschaftliches Forum in Liechtenstein), Werner Büchel (Präsident Verein Pro Lawena Museum) und Gerald Marxer (Vorsitzender der Geschäftsleitung der LKW), von links, bei der Übergabe. (Foto: ZVG)</p>
<p>2</p> <p>Lecture</p>	<p>3</p> <p>Astrophysics</p>	<p>4</p> <p>Museum</p>

Philately

Liechtenstein is celebrated worldwide for its beautiful postal stamps. In 2014 our scientific society ordered the first one with a facial value of 0,55 CHF. That was probably the first IYL-Stamp worldwide.

In 2015 there was a contest between a dozen of different graphists; we participated in the jury. The winner was invited by the government to create the official IYL-stamp with 1,90 CHF value. It was issued on March 3rd 2015 combined with a “First Day of Emission” cover. In November it won the “Red Dot Award”.

Exactly one year later our society issued a commemorative postcard “Last Day of Reporting” which was the symbolic conclusion of the International Year of Light in our country.



Available Resources:

- 0,55Fr Stamp 2014, www.nwf.li (fig.6)
- 1,90 official stamp 2015 with FDC www.briefmarken.li (fig.5&7)
- Publication of our Society: Dr. Cyril Deicha; *Experiments for International Year of Light with the new stamp*. German, French, English. Vaduz, Mai 2015.
- Philatelic Catalog: Heule, A. : *Internationales Jahr des Lichts*, Liechtensteinische Post AG; Vaduz Dez. 2014
- Commemorative Postcard: Red Dot Award 2015 (fig.8)
- Commemorative Postcard: “Last day” 2016 (fig.9)

Appearance in Media:

“*Philatelic IYL2015 in Liechtenstein*” by C.Deicha & J.Dudley in “e-EPS Facts and Info” ; May 26th 2014 www.epsnews.eu

Über die Neuausgabe der Marke zum Internationalen Jahr des Lichts. in „LPhV-Rundschreiben 2015-II“. Vaduz 21.April 2015

„*Kollisionen im All*“ ;Liechtensteiner Volksblatt 04.09.2014 page 8; www.volksblatt.li

„*Scientific Forum*“ in yearly edition Vereins-Info 2014 page 69; www.vereinsinfo.li

„*Popularizing science in our region*“ in yearly edition Vereins-Info 2015 page 62

“*Grosszügige Schenkung für Museum Lawena*” Liechtensteiner Volksblatt 19.09.2015 page 8 (fig. 4)

“*Ein relativ langer Weg*” by Hasan Akay in LGnachrichten, Vaduz; 29/2(2016) page 11 ; lg-vaduz.li (fig.2)

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