


100th Anniversary of the Planetarium






November 1st (Wed.), 2023 – December 8th (Fri.)

★The List of Exhibition Materials★

【Book】



Materials	UTokyo OPAC
1. 鶴田匡夫著 『光の鉛筆：光技術者のための応用光学』 新技術コミュニケーションズ, 2012	

【Articles】

Materials	UTokyo OPAC	E-Journal
2. “The optical planetarium at Munich” <i>Nature</i> , 114(2878), p.937-938, 1924		 Open Access
3. Klüber, H “Das Zeiss planetarium” <i>Die Naturwissenschaften</i> , 15(11), p.249-256, 1927		 UTokyo Member Only
4. Werner, H “Astronomische Mitteilungen” <i>Die Naturwissenschaften</i> , 23(1), p.23-24, 1935		 UTokyo Member Only

★The List of Related Materials★

【Books】

Materials	UTokyo OPAC
<p>日本天文学会百年史編纂委員会編『日本の天文学の百年』 恒星社厚生閣, 2008</p> <p>In 1937, the first planetarium in Japan was opened at 大阪市立電気科学館 (currently, Osaka Science Museum, 大阪市立科学館). This book contains photographs of the exterior of the building and the projector at the time.</p>	
<p>恒星社厚生閣編集部編『全国プラネタリウムガイド』 恒星社厚生閣, 2015</p> <p>Guidebook by planetarium staffs. It covers 256 planetariums all over Japan as of 2015. It also includes basic terminology, history, and structural explanations.</p>	

【Articles】

Materials	UTokyo OPAC	E-Journal
<p>井上毅「プラネタリウムの発明と日本での始まり」 <i>天文月報 = The astronomical herald</i>, 116(4), p.154-163, April 2023</p>		 Open Access
<p>嘉数次人「日本最初のプラネタリウムとその活動」 <i>天文月報 = The astronomical herald</i>, 116(4), p.164-170, April 2023</p>		 Open Access
<p>縣秀彦, 伊東昌市「プラネタリウム100周年と天文学の発展」 <i>天文月報 = The astronomical herald</i>, 116(5), p.241-247, May 2023</p>		 Open Access
<p>朝比奈貞一「プラネタリウムの歴史-宇宙の神秘を演ずる『星の劇場』」 <i>天文と気象</i>, 26(6), p.6-12, June 1960</p> <p>There is a photo of the roof of the dome of the first planetarium (at 大阪市立電気科学館) in Japan. A world map was painted on it.</p>		[None]

【Website】

Materials	Website
<p>ZEISS Planetariums https://www.zeiss.com/planetariums/int/home.html</p> <p>The Website of ZEISS. There are many pictures and various informations about not only the early planetariums but also them installed around the world.</p>	
<p>日本プラネタリウム協議会 (JPA) プラネタリウム100周年記念事業 ～地上の星 ドイツに生まれて1世紀～ https://100.planetarium.jp/</p> <p>The special website introduces the events in Japan that celebrate the 100th anniversary of planetarium in Germany.</p>	