

**PROF. C. A. CARUS-WILSON.**

It is with much pleasure that we publish herewith a portrait and some particulars of Prof. Carus-Wilson, who recently resigned the McDonald chair of Electrical Engineering at McGill University, Montreal.

Prof. Charles Ashley Carus-Wilson is the youngest son of the late Rev. C. Carus Wilson, Vicar of St. Mark's, Leamington, and grandson of the well known author and philanthropist, the Rev. W. Carus-Wilson, of Caster-ton Hall, Westmoreland. He was educated at Hailey-bury College and entered the Royal Indian Engineering College at Cooper's Hill, near Windsor, by a competitive examination. Two years later he gave up his position at the head of his year, and the certainty of a good ap-



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pointment in the service of the Indian government, in order to devote himself to electrical engineering at home, and subsequently in Paris, Brussels, Antwerp, Vienna and Bucharest, where he lighted up the palace of the king of Roumania. He then went to Cambridge, took his B.A. degree in honours (Natural Science Tripos) in 1887, and the M.A. degree in 1891.

After taking charge for three years of one of the laboratories at the Royal Indian Engineering College, Prof. Carus-Wilson was elected in 1890 to the McDonald Professorship of Electrical Engineering at McGill University, Montreal. The electrical department of the University was not then in existence, and Professor Carus-Wilson carried through the work of organizing it and equipping the laboratories with great energy and success. The number of students taking this course is now very large, and a practical test of its results is afforded by the work of the graduates in applied science, many of whom already hold with credit important and responsible positions.

During the eight years in which Prof. Carus-Wilson has occupied this chair he has given much attention to original research, especially in connection with the direct current motor. The results of this are embodied in the volume of Electro-Dynamics which Messrs. Longmans Green & Co., (London and New York) are now bringing out.

Prof. Carus-Wilson left Montreal in April last, and has since been giving a course of Cantor lectures in London on Electric Traction at the request of the Society of Arts.

In the words of the resolution passed by the Faculty of Applied Science at McGill University last April: "Prof. Carus-Wilson has aimed at founding a school of engineering of the highest type, and has made it both his duty and pleasure to encourage in the students that love of investigation which is the only real foundation for any true scientific work. His success as a teacher is best attested by the continued growth of the school and by the prominent positions occupied by graduates in the electrical course, while to the Chair of Electrical Engineering his special researches have given a greatly increased reputation."

**MOONLIGHT SCHEDULE FOR AUGUST.**

Day of Month.	Light.	Extinguish.	No. of Hours.
	H.M.	H.M.	H.M.
1....	No Light.	No Light.	.....
2....	No Light.	No Light.	.....
3....	No Light.	No Light.	.....
4....	No Light.	No Light.	.....
5....	P.M. 7.30	P.M. 10.00	2.30
6....	" 7.30	" 10.20	2.50
7....	" 7.30	" 10.50	3.20
8....	" 7.30	" 11.20	3.50
9....	" 7.30	" 11.50	4.20
10....	" 7.30	A.M. 12.40	5.10
11....	" 7.30	" 1.30	6.00
12....	" 7.30	" 2.20	6.50
13....	" 7.30	" 3.20	7.50
14....	" 7.30	" 4.20	8.50
15....	" 7.30	" 4.20	8.50
16....	" 7.30	" 4.20	8.50
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18....	" 7.30	" 4.20	8.50
19....	" 7.30	" 4.20	8.50
20....	" 7.30	" 4.20	8.50
21....	" 7.30	" 4.20	8.50
22....	" 8.00	" 4.20	8.20
23....	" 8.40	" 4.20	7.40
24....	" 9.20	" 4.20	7.00
25....	" 10.20	" 4.20	6.00
26....	" 11.20	" 4.20	5.00
27....	" 11.30	" 4.20	4.50
28....	.....	" 4.20	4.20
29....	A.M. 12.00	.....	.....
30....	No Light.	No Light.	.....
31....	No Light.	No Light.	.....

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