

プロローグ

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- [42] **Then, refusing to fight**: Wormwood Scrubs was the destination of most imprisoned COs, to the point where the largest Quaker Meeting in London during the war was held inside the prison. Thomas Kennedy, *British Quakerism 1860–1920* (Oxford: Oxford University Press, 2001), 349.
- [43] **Once he finished his sentence**: After the war, the government expressed some misgivings (though not publicly) about rearresting men for what was essentially the same offense. See TNA:PRO MH 47, “Report of the Central Tribunal Appointed Under the Military Service Act 1916” (London: H.M.S.O., 1919), 20.
- [44] **Eddington personally transcribed**: Minutes: Cambridge, Huntingdon and Lynn Monthly Meeting, January 9, 1918, R59/26/5/4. Courtesy of Cambridgeshire Archives.
- [45] **I should explain first**: Eddington to Lodge, 22 July 1918, MS ADD 89 (Lodge Papers), UCL Library Services, Special Collections.
- [46] **The chairman briefly mentioned**: *Cambridge Daily News*, June 14, 1918.

- [47] **Unusually, they gave him:** *Cambridge Daily News*, June 28, 1918.
- [48] **This caused trouble for many:** *Cambridge Daily News*, March 18, 1916.
- [49] **Nonetheless, he wanted to be recognized:** Niall Ferguson, *The Pity of War* (Basic Books, 1998), 186.
- [50] **Sometimes COs simply stacked rocks:** “Report of the Central Tribunal,” 11–12. TNA: PRO MH 47. Participants with special or technical skills were supposed to be put to use in their fields. Apparently, this did not ever happen. See TNA:PRO MH 47/1, June 28, 1916.
- [51] **Some COs asked:** Graham, *Conscription*, 232.
- [52] **He would not abandon:** S. Chandrasekhar, “The Richtmeyer Memorial Lecture—Some Historical Notes,” *American Journal of Physics* 37, no. 6: 579–80. A similar version of the story is told in “Verifying the Theory of Relativity,” in *Notes and Records of the Royal Society of London*, 1976, vol. 30, 249–60.
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- [57] **Historians have pointed out:** Anne Rasmussen, “The Spanish Flu,” in *Ibid.*, 337.
- [58] **Military doctors tried:** *Ibid.*, 345–49.
- [59] **“fashionable illness”:** *Ibid.*, 335.
- [60] **“There was no doubt”:** *Ibid.*, 334.
- [61] **In one month Einstein’s Berlin:** Levenson, *Einstein in Berlin*, 187.
- [62] **Elsa had been taking lozenges:** CPAE volume 9, document 7, “Einstein to Heinrich Zangger, 28 February 1919,” 8.
- [63] **The government now recommended:** Levenson, *Einstein in Berlin*, 183–87.
- [64] **A British soldier wrote:** Dairy of Robert Cude, 8–9 August 1918. IWM CUDE R MM, 177. The National Archives, <http://www.nationalarchives.gov.uk/pathways/firstworldwar/battles/counter.htm>.
- [65] **I saw Wylie:** “2010 Private Edward William Wylie,” Australian Red Cross Society Wounded and Missing Enquiry Bureau Files 1DRL/0428, Australian War Memorial Research Centre.
- [66] **The admiral in charge:** Keegan, *The First World War*, 446.
- [67] **Lenin sent agents:** Levenson, *Einstein in Berlin*, 189.
- [68] **On October 19:** CPAE volume 8B, document 640, “From Max Planck to Einstein, 26 October 1918,” footnote 1, 930–31.
- [69] **“Think of the oath”:** CPAE volume 8, document 640, “From Max Planck to Einstein, 26 October 1918,” 684.
- [70] **Planck, with whom Einstein:** Suman Seth, *Crafting the Quantum: Arnold Sommerfeld and the Practice of Theory, 1890–1926*, Transformations: Studies in the History of Science and Technology (Cambridge, Massachusetts: MIT Press, 2010), 177; John Heilbron, *The Dilemmas of an Upright Man: Max Planck as Spokesman for German Science* (Berkeley: University of California Press, 1986), 82.
- [71] **“canceled because of revolution”:** Fölsing, *Albert Einstein*, 421.

- [72] **“Militarism and the privy-councilor”**: CPAE volume 8, document 652, “Einstein to Paul and Maja Winteler-Einstein, 11 November 1918,” 693.
- [73] **His friends at the BNV**: Goenner and Castagnetti, “Albert Einstein as Pacifist,” 361.
- [74] **“I am enjoying”**: CPAE volume 8, document 663, “Einstein to Michele Besso, 4 December 1918,” 703.
- [75] **“the most precious asset”**: Goenner and Castagnetti, “Albert Einstein as Pacifist,” 362.
- [76] **“Force breeds only bitterness”**: CPAE volume 7, document 14, “On the Need for a National Assembly, 13 November 1918,” 76.
- [77] **Democracy, he thought**: Goenner and Castagnetti, “Albert Einstein as Pacifist,” 359.
- [78] **We do not know exactly how much**: Ibid., 362.
- [79] **“We do not keep to”**: Ibid., 364.
- [80] **This matched nicely**: Ibid., 365.
- [81] **Skirmishes in the streets**: Levenson, *Einstein in Berlin*, 199.
- [82] **In a letter to his sons**: CPAE volume 8, document 667, “Einstein to Hans Albert and Eduard Einstein, 10 December 1918,” 707.
- [83] **On December 7**: Levenson, *Einstein in Berlin*, 200.
- [84] **“The military religion”**: CPAE volume 8, document 663, “Einstein to Michele Besso, 4 December 1918,” 703.
- [85] **“I find everything unspeakably dire”**: Seth, *Crafting the Quantum*, 178.
- [86] **“of the firm conviction”**: CPAE volume 8, document 665, “Einstein to Arnold Sommerfeld, 6 December 1918,” 705–6.
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- [94] **While chemists are testing**: A. Ruth Fry, *A Quaker Adventure* (London: Nisbet and Co., 1926), 355.
- [95] **“closely connected”**: Ibid., 330–31.

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- [6] **There wasn’t much interest:** Fölsing, *Albert Einstein*, 426.
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- [72] **He had heard via:** Fölsing, *Albert Einstein*, 438.
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- [74] **“We will search their pockets”:** *Ibid.*, 189.
- [75] **Disgusted, he resigned:** *Ibid.*, 182; Jay Winter and Antoine Prost, *The Great War in History: Debates and Controversies, 1914 to the Present*, Studies in the Social and Cultural History of Modern Warfare 21 (Cambridge: Cambridge University Press, 2005), 41.
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- [79] **“We do not forget”:** *The Observatory* 542 (August 1919): 297.
- [80] **“We look back at that meeting”:** *Ibid.*, 301.
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- [92] **Other scientists proposed:** “Astronomy at the British Association,” *The Observatory* (October 1919): 363–65.

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- [101] **“This is certainly one”:** CPAE volume 9, document 127, “From Hendrik A. Lorentz to Einstein, 7 October 1919,” 109.
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- [103] **Einstein immediately sent:** CPAE volume 7, document 23, “A Test of the General Theory of Relativity,” 97, dated October 9, 1919, published October 10, 1919, in *Die Naturwissenschaften* 7 (1919): 776.
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- [106] **“So all is going better”:** CPAE volume 9, document 148, “From Heinrich Zangger to Einstein, 22 October 1919,” 126–28.
- [107] **This evening at the colloquium:** CPAE volume 9, document 149, “Einstein to Max Planck, 23 October 1919,” 128.
- [108] **“How hard this magnificent”:** CPAE volume 9, document 160, “Einstein to Paul Ehrenfest, 8 November 1919,” 136.
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- [120] **“Professor Eddington, you must be”:** As recalled in Subrahmanyan Chandrasekhar, *Eddington: The Most Distinguished Astrophysicist of His Time* (Cambridge: Cambridge University Press, 1983), 83.
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- [125] **A patriot fiddler-composer:** *Punch*, November 19, 1919, 422.
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- [5] **Most everyone wanted:** F. Schlesinger to Dyson, 16 February 1920, Papers of Frank Dyson, MS.RGO.8/150/123.
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