A crossword puzzle  Created by Jean Goubault-Larrecq

ACROSS
1. Food and drug administration (abbr.)
4. And so forth
7. Orange cheese
9. Unit of electric capacitance
11. ___-Mummert Theorem: characterizes the continuous open images of complete metric spaces (Ex. 7.6.20)
12. Took the wrinkles out
14. Crowd
15. Compact or closed precoder (Def. 4.8.1, Ex. 4.1.21)
17. Kitten’s cry
19. Fly alone
21. Orders
22. Inf- or Sup–___-lattice (Sec. 2.3.2)
23. Dolecki–___-Lechicki Theorem: every T3 Čech-complete space is consonant (Ex. 8.3.4)
25. Robert E. ___
26. Rain there falls mainly in the plain, 'tis 'eard
27. Tennis' Graf
29. Forswear
31. Dined
32. Decay
33. Weaker than Smyth? (Lemma 7.4.2)
36. Monkey business
39. Rabbit in Rouen
40. Once around the track
42. Hawk claw
44. Idile of Monty Python
45. Second player in the strong Choquet game (Sec. 7.6.1)
47. Ear part
48. Genetic code
49. Sawing logs
51. Stitch
52. D or C in D.C.
53. Babies' need
55. Nets
57. Compact
58. Cat, e.g.
59. May have limits? (Def. 4.7.3)

DOWN
1. Pro
2. Twofold
3. Bye–bye in Bilbao
4. Dukes
5. Helen of ___
6. Metal container
7. Harry Potter and the ___ of Fire
8. Arzela–___ Theorem: characterizes compact subsets of continuous maps (Thm. 3.5.12)
9. Upward–closed and closed under finite meets (Def. 4.7.33)
10. Humiliate
11. Entrances, or exits
13. Resign
14. Monosodium glutamate
16. 100 square meters
18. One outcome of the strong Choquet game (Sec. 7.6.1)
20. Marine
22. Where every element is the inf of the primes above it (Ex. 8.1.24)
24. Many times
26. Fundamental topology on posets (Prop. 4.2.18)
28. Federal government (abbr.)
30. White–tailed sea eagle
33. Stories
34. Narcotic
35. Metes
36. Plant lice
37. A net in it has all its limits in it, too (Corl. 4.7.10)
38. T2 spaces, continuous dcpos, Smyth-complete spaces for example (Prop. 8.2.12)
39. Headed
41. Spr. month
43. Fresh
45. Concerning
46. Negatively charged particle
49. Wizened
50. Battering wind
53. Knock
55. Hole