Cryptic Control Crossword

1 S	T	2 A	T	3 E	S	4 P	A	5 C	E		6 G	7 E	A	8 R
M		N		A		H		O		9 N		X		A
10 A	N	D	O	R		11 A	I	R	W	O	R	T	H	Y
R		R		S		S		E		N		R		S
12 T	O	O	L		13 N	E	U	R	A	L	N	E	T	
G		I		14 D						I		M		15 T
16 R	E	D	L	I	N	17 E		18 B	E	N	E	A	T	H
I				L		19 R	U	E		E				E
20 D	A	21 M	P	I	N	G		22 T	R	A	C	23 T	O	R
S		A		G						R		R		M
	24 I	N	T	E	G	25 R	A	26 T	E		27 Z	E	R	O
28 U		N		N		E		A		29 L		M		S
30 S	T	E	M	C	E	L	L	S		31 O	R	B	I	T
E		R		E		A		T		C		L		A
32 R	I	S	K		33 E	X	P	E	R	I	M	E	N	T

Across

1. Country where rockets reach, basis of dynamics (5,5)
6. Equipment for shifting (4)
10. Not an exclusive choice for grad student to leave small country (3,2)
11. Redesigned arrow hit my last good craft (9)
12. Return stolen property for software (4)
13. Negotiate rental after hearing novel—heady stuff (6,3)
16. Go too fast on some metro (7)
18. Under direction in immersion process (7)
19. Street in Montréal to regret (3)
20. Simple controller connecting hydro and natural gas for stabilization (7)
22. Transform 60 Hz to repair header for tilling (7)
24. Smooth signals in the outer mesh (9)
27. Good-for-nothing root (4)
30. Select LMS adaptation for biological units (4,5)
31. Notice after passing around resistor circuit (5)
32. Upside downside? (4)
33. Was once ten prime? That's confusing . . . test! (10)

Down

1. Trams reverse by Manhattan with second power system redesigns (5,5)
2. A Rodin sculpture, pre-digital, is lifelike (7)
3. Talk sensors! (4)
4. Troop has explained retaining signal angle (5)
5. Natural material taken by backward remote controlled extractor (5)
7. Mechanical engineer turns in more highs and lows (7)
8. Elevate sound emissions (4)
9. Ran up around where to check the Web for higher degrees (9)
14. Persistent effort disturbs nice glide (9)
15. Threat barely disrupted about greatest controller (10)
17. Work resistance in example (3)
18. Realize what's not false by chance (3)
21. Mean SNR recalculated for good behavior (7)
23. Show fear of high frequency around mass (7)
25. About 50 cut to make optimization easier (5)
26. 10^{12} teas stirred for flavor (5)
28. Not quite sure if logged in (4)
29. Evenly sample all orchid traces (4)

Crossword composed by Tariq Samad. Comments are welcome and can be sent to samad@ieee.org.

ACC 2012 Cryptic Crossword—Answers Explained

Across

1. Country where rockets reach, basis of dynamics (5,5)
   STATE [*country*] SPACE [*where rockets reach*]

6. Equipment for shifting (4)
   GEAR

10. Not an exclusive choice for grad student to leave small country (3,2)
    AND OR [RA "leaves" Andorra]

11. Redesigned arrow hit my last good craft (9)
    AIRWORTHY [*arrow hit* (anagram) + y (last letter of *my*)]

12. Return stolen property for software (4)
    TOOL [reverse of "loot"]

13. Negotiate rental after hearing novel—heady stuff (6,3)
    NEU [sounds like "new"] + RAL NET [anagram of *rental*]

16. Go too fast on some metro (7)
    RED+LINE

18. Under direction in immersion process (7)
    B + ENE [*direction*] + ATH

19. Street in Montréal to regret (3)
    RUE

20. Simple controller connecting hydro and natural gas for stabilization (7)
    DAM + PI + NG

22. Transform 60 Hz to repair header for tilling (7)
    TR + AC + TO + R [head letter of *repair*]

24. Smooth signals in the outer mesh (9)
    IN + TE [outer letters of *the*] + GRATE

27. Good-for-nothing root (4)
    ZERO

30. Select LMS adaptation for biological units (4,5)
    STEM CELLS [anagram of *select LMS*]

31. Notice after passing around resistor circuit (5)
    ORBIT [R in "obit"]

32. Upside downside? (4)
    RISK

33. Was once ten prime? That's confusing . . . test! (10)
EX + PERIMENT [anagram of *ten prime*]

Down

1. Trams reverse by Manhattan with second power system redesigns (5,5)
SMART [reverse of *trams*] GRIDS

2. A Rodin sculpture, pre-digital, is lifelike (7)
ANDROI [anagram of *A Rodin*] + D

3. Talk sensors! (4)
EARS

4. Troop has explained retaining signal angle (5)
PHASE [*Troop has explained*]

5. Natural material taken by backward remote controlled extractor (5)
C + ORE + R ["ore" in RC (remote control) backwards]

7. Mechanical engineer turns in more highs and lows (7)
EXTREMA [ME "turned" in "extra"]

8. Elevate sound emissions (4)
RAYS [sounds like "raise"]

9. Ran up around where to check the Web for higher degrees (9)
N + ONLINE + AR [*Ran* turned upwards around "online"]

14. Persistent effort disturbs nice glide (9)
DILIGENCE [anagram of *nice glide*]

15. Threat barely disrupted about greatest controller (10)
THER + MOST + AT [ther + at anagram of *threat*]

17. Work resistance in example (3)
E R G [R in e.g.]

18. Realize what's not false by chance (3)
BE + T

21. Mean SNR recalculated for good behavior (7)
MANNERS [anagram of *mean SNR*]

23. Show fear of high frequency around mass (7)
TRE + M + BLE [treble around m]

25. About 50 cut to make optimization easier (5)
RE + L + AX

26. 10^{12} teas stirred for flavor (5)

T + ASTE [t(erra) + anagram of *teas*]

28. Not quite sure if logged in (4)
    USER [anagram of *sure*]

29. Evenly sample all orchid traces (4)
    LOCI [even letters of *all orchid*]