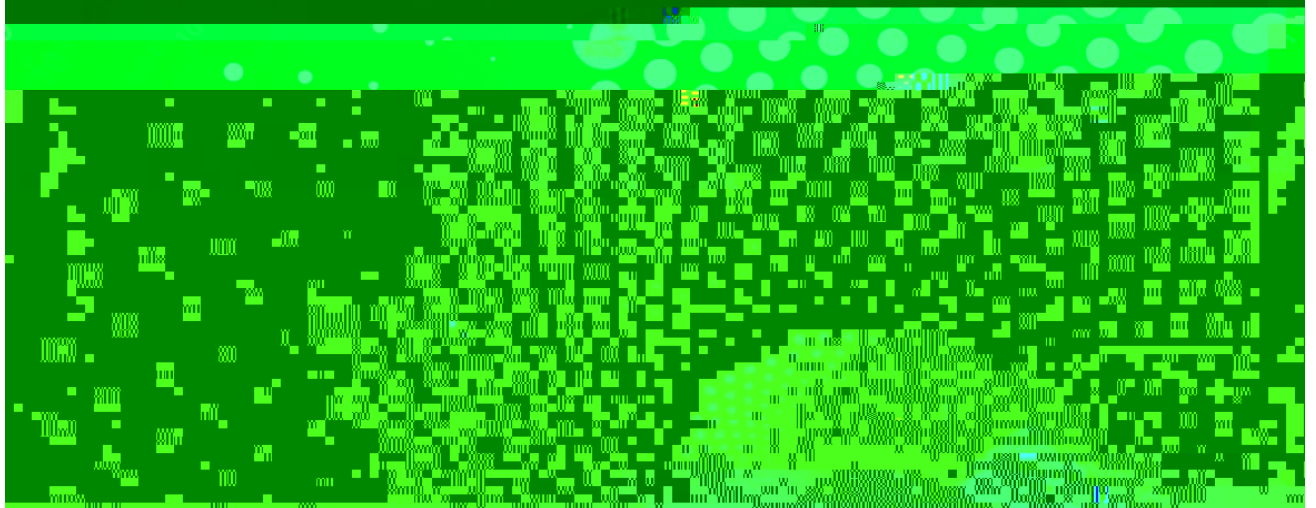
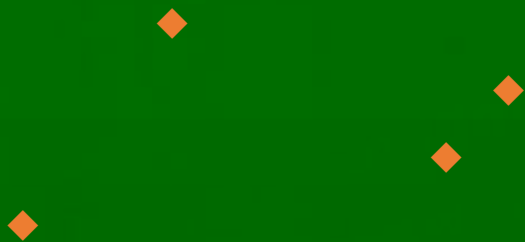


# IPV6 教育科研新担当





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	03
" 2021 IPv6 "	04
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	05
2021-2023	05
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	06
	06
	06
	06
	07

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	08
	08
18 IPv6	09
" " IPv6	09
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	10

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GÉANT 800G	11
2Africa	11
	11
6GHz Wi-Fi 5G	11



9 22

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IPv6

edu.cn





2021 10 11 -12

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IPv6

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IPv6

" IPv6

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IPv6"

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IPv6

IPv6

IPv6

IPv6

22.87%

IPv6

2021 8

IPv6

5.51

54.52%

IPv6

20Tbps LTE

IPv6

10Tbps

22.87%

IPv6

100

IPv6

IPv6



10 11

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IPv6

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IPv6

IPv6

IETF

ISOC



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10 8

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2020

5G

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3

5G

2021 9 16

46.67%

6





1970

G.654E

-

G.654E

G.654E

400Gb/s

WDM

1900

G.654E

G.652D

G.654E



7

22

2025

10%

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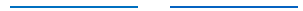
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" 2021 IPv6

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IPv6

18

CERNET " IPv6

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CERNET

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13

IPv6



" 2021 IPv6

— IPv6

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IPv6



2021 2

(2021-2025 ) 7

2021 8

" "

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3			1
2	3		
1	2		3
	1		2
3			

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GÉANT 800G  
GÉANT

GÉANT NREN  
30% GÉANT 7PB

GÉANT\_\_\_\_\_

CMI Facebook MTN GlobalConnect Orange stc  
Telecom Egypt Vodafone WIOCC 2Africa 2Africa  
2Africa PEARLS  
2Africa 45,000

C114\_\_\_\_\_

66%  
" " " " " "  
wifi 21% / 16% (49%)  
14% / 12%

Jisc\_\_\_\_\_

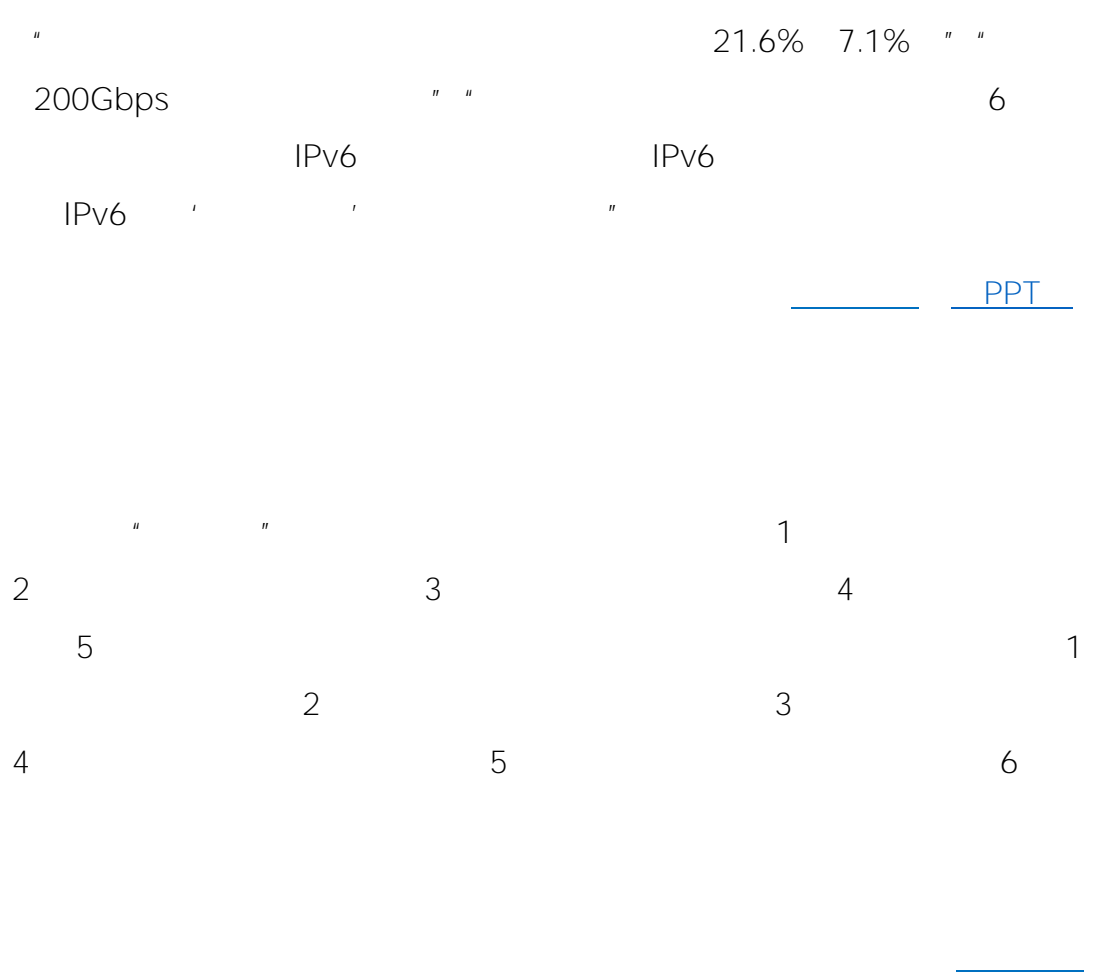
2021 6 17  
480MHz 2021 12 1  
Wi-Fi (

5G 500MHz Wi-Fi)  
Wi-Fi

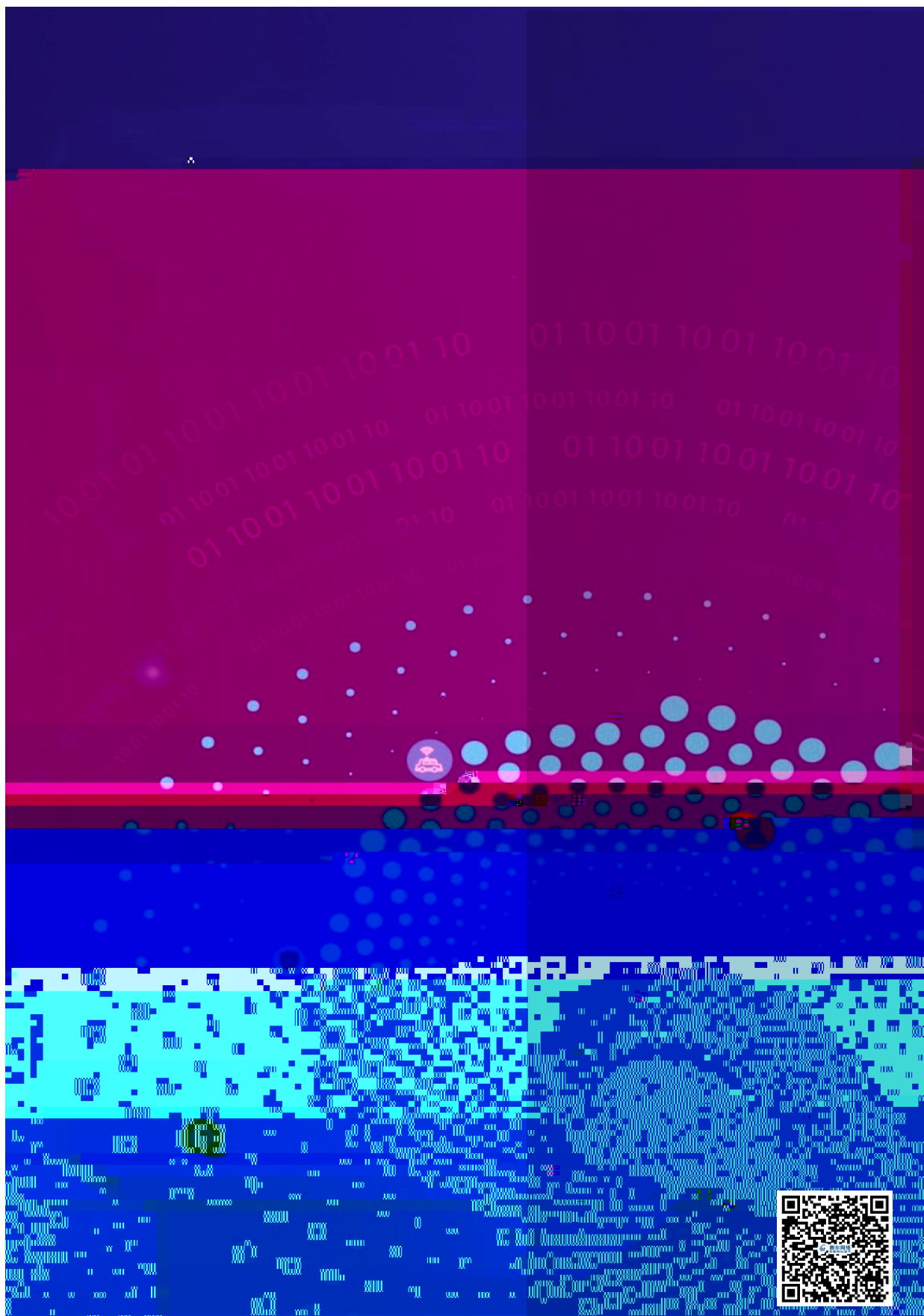
6GHz

5G

Omdia\_\_\_\_\_



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- \_\_\_\_\_



6260 3794

scgl@cernet.com

