I think phones in the near future will evolve into a multimedia power house and have a PC-like experience. In the near future, I can see where phone gets slightly bigger because UMPC and VOIP services will eventually merge into phones.

However, thinking of 22 century, people will be using wearable phones. We might not even call it a phone anymore, because there is no clear boundary among phone, portable media player, pc, etc.

The problem with small display has to be eliminated through contact lens or hologram devices.

A small, pager looking object can be carried around and this will serve as a main unit for the phone. The machine itself will not have many buttons if any. Content lens will be the primary display device where everything is controlled by either eye movement, or voice recognition. Since smart phones like iphone can already be used as a GPS device and give information regarding restaurants, shopping malls. This contact lens will display in the 3d shape. That is, whatever we are looking at will be analyzed and will have a 3d overlays to the original object, which can be used to provide the information regarding it.

As far as the “phone” goes, I don’t think any traditional form of phones will exist.